# Authors Index to Volume 16 — 1989

Abbamondi, A.L.: 214 (May)
Adam, M.J.: 305 (Aug)
Akiyama, H.: 511 (Nov suppl); 516 (Nov suppl)
Allen, G.: 305 (Aug)
Alonso, Ma. E.: 426 (Nov)
Anderson, M.A.: 345 (Aug)
Anderson, T.J.: 432 (Nov)
Ang, L.C.: 291 (Aug)
Ashforth, R.A.: 417 (Nov)
Atack, D.: 206 (May)
Atkinson, P.: 71 (Feb)
Auer, R.N.: 67 (Feb); 194 (May); 340

Abarbanel, J.M.: 402 (Nov)

Bacher, Y.: 543 (Nov suppl) Bailey, P.: 543 (Nov suppl) Barbeau, H.: 315 (Aug) Baughman, R.: 28 (Feb) Beaudry, M.: 398 (Nov) Beaudry, Y.: 352 (Aug) Beauregard, H.: 442 (Nov) Becker, L.E.: 41 (Feb) Becker, W.J.: 432 (Nov) Bélanger, C.: 1 (Feb) Bell, R.B.: 194 (May) Benoit, B.: 206 (May) Bergeron, D.: 357 (Aug) Bergman, H.: 468 (Nov suppl); 543 (Nov Bickis, M.: 310 (Aug) Blume, W.: 388 (Nov)
Boily, C.: 99 (Feb suppl)
Bouchard, G.: 119 (Feb suppl); 468 (Nov suppl) Bouchard, J.P.: 93 (Feb suppl); 104 (Feb suppl); 446 (Nov) Bouchard, R.; 468 (Nov suppl); 543 (Nov suppl)

Bowen, D.M.: 504 (Nov suppl) Boyes, B.E.: 483 (Nov suppl) Bradford, H.F.: 528 (Nov suppl) Brooke, J.D.: 58 (Feb) Brun, D.: 129 (Feb suppl)

Calne, D.B.: 180 (May); 305 (Aug); 547 (Nov suppl)
Cardoso, E.R.: 336 (Aug)
Carlen, P.L.: 451 (Nov)
Carrier, L.: 543 (Nov suppl)
Charbonneau, R.: 543 (Nov suppl)
Charbonneau, R.: 543 (Nov suppl)
Chartest, L.: 442 (Nov)
Chetty, N.: 71 (Feb)
Cholette, A.: 468 (Nov suppl)
Clarfield, M.: 543 (Nov suppl)
Clark, A.-W.: 477 (Nov suppl)
Collier, B.: 543 (Nov suppl)
Comper, P.W.: 81 (Feb)
Crapper McLachlan D.R.: 490 (Nov suppl)
Cusimano, M.D.: 22 (Feb)

Brunet, D.: 446 (Nov)

Burns, R.S.: 305 (Aug)

Bruni, J.: 365 (Aug) Bucht, G.: 528 (Nov suppl)

Cairneross, J.G.: 198 (May)

Danon, M.J.: 436 (Nov)
Dastoor, D.: 543 (Nov suppl)
De Beukelaar, F.: 187 (May)
De Brackeleer, M.: 99 (Feb suppl); 468 (Nov suppl)
Declos, M.: 119 (Feb suppl)
Dekaban, G.A.: 330 (Aug)
Deschenes, A.: 99 (Feb suppl)
Disney, L.: 299 (Aug)
Docherty, M.: 528 (Nov suppl)

Dal Pozzo, G.: 214 (May)

Doyon, L.-P.: 468 (Nov suppl) Duong, T.: 498 (Nov suppl)

Ebers, G.L.: 184 (May); 330 (Aug) Eisen, A.: 547 (Nov suppl) Errett, L.: 352 (Aug) Escobar, A.: 426 (Nov) Ethier, R.: 417 (Nov)

Farrer, L.: 465 (Nov suppl)
Fazl, M.: 81 (Feb)
Fillit, H.: 528 (Nov suppl)
Finch, C.E.: 473 (Nov suppl)
Findlay, H.P.: 187 (May)
Findlay, J.M.: 28 (Feb)
Fianagan, P.R.: 184 (May)
Flanciagan, P.R.: 184 (May)
Francis, G.S.: 330 (Aug)
Francis, F.T.: 504 (Nov suppl)
Freedman, M.S.: 63 (Feb)
Friedman, M.: 436 (Nov)

Gagné, C.: 129 (Feb suppl) Gagné, F.: 446 (Nov) Gaudet, D.: 129 (Feb suppl); 134 (Feb suppl) Gavreau, D.: 468 (Nov suppl) Gauthier, L.: 543 (Nov suppl) Gauthier, S.: 375 (Nov): 468 (Nov suppl); 543 (Nov suppl) **Gautrin, D.:** 375 (Nov); 468 (Nov suppl) Germain, M.: 543 (Nov suppl) Gillett, J.M.: 291 (Aug) Girvin, J.: 394 (Nov) Glavin, G.B.: 394 (Nov.) Gloor, P.: 8 (Feb) Goldsmith, J.R.: 402 (Nov) Goodwin, J.: 326 (Aug) Gordon, P.: 28 (Feb) Grace, M.: 28 (Feb); 299 (Aug) Grand' Maison, F.: 203 (May) Granillo, R.J.: 354 (Aug)

Haines, J.L.: 465 (Nov suppl)
Hardy, J.: 528 (Nov suppl)
Harrop, R.: 511 (Nov suppl)
Hakim, A.: 51 (Feb)
Hammond, A.J.: 198 (May)
Haslam, R.H.A.: 363 (Aug)
Herishanu, Y.O.: 402 (Nov)
Hoffman, H.J.: 78 (Feb)
Howarth, A.: 28 (Feb)
Howarth, A.: 28 (Feb)
Hsueh, S.: 211 (May)
Huff, F.J.: 406 (Nov)
Humphreys, P.: 191 (May)
Hunter, K.M.: 345 (Aug)
Hutchison, K.: 411 (Nov)
Hwang, P.A.: 78 (Feb)

Gray, J.: 348 (Aug)

Gray, T.A.: 63 (Feb)

Guha, A.: 81 (Feb)

Grenon, M.: 468 (Nov suppl)

Gusella, J.F.: 465 (Nov suppl)

Guttman, M.: 305 (Aug)

Inzitari, D.: 214 (May) Itagaki, S.: 516 (Nov suppl)

Jacob, P.: 191 (May)
Jacobs, R.W.: 498 (Nov suppl)
Jackson, A.C.: 422 (Nov)
Jagadha, V.: 41 (Feb)
Jimenez, G.: 426 (Nov)
Johnston, E.F.: 198 (May)
Johnson, S.A.: 473 (Nov suppl)
Jones, M.W.: 365 (Aug)
Jones, R.E.: 498 (Nov suppl)
Just, N.: 200 (May)

Kanamaru, K.: 28 (Feb) Kaufmann, J.C.E.: 291 (Aug) Keene, D.: 191 (May) Kertesz, A.: 184 (May) Kissel, M.: 543 (Nov suppl) Koren, G.: 363 (Aug) Kouladjian, K.: 119 (Feb suppl) Krieger, M.: 543 (Nov suppl) Kruck, T.P.A.: 490 (Nov suppl) Kujawa, M.: 535 (Nov suppl) Kushnir, S.: 543 (Nov suppl)

Laberge, C.: 123 (Feb suppl); 129 (Feb suppl); 134 (Feb suppl) Lach, B.: 206 (May); 535 (Nov suppl) Lacoste-Royal, G.: 468 (Nov suppl) Ladoucer, D.: 357 (Aug) Laframboise, R.: 104 (Feb suppl) Lamarche, J.B.: 357 (Aug) Lamontagne, A.: 543 (Nov suppl) Lamontagne, L.: 357 (Aug) Lampert-Etchells, M.: 473 (Nov suppl) Lancman, M.E.: 354 (Aug) Lang, A.E.: 439 (Nov) Lebel, M.L.: 203 (May) Leblanc, R.: 51 (Feb) Ledoux, S.: 200 (May) Leduc, C.P.: 398 (Nov) Lee, M.A.: 194 (May) Lee, S.-T.: 211 (May) Leech, E.E.: 161 (May) Lemieux, B: 89 (Feb suppl) Lescault, A.: 134 (Feb suppl) Libman, I.: 200 (May) Louw, D.: 394 (Nov) Luine, V.N.: 528 (Nov suppl) Lukiw, W.J.: 490 (Nov suppl) Lupien, P.J.: 129 (Feb suppl) Lynch, A.: 388 (Nov)

McEwan, B.: 528 (Nov suppl) McGeer, E.G.: 483 (Nov suppl); 511 (Nov suppl); 516 (Nov suppl) McGeer, P.L.: 483 (Nov suppl); 511 (Nov suppl); 516 (Nov suppl) Mak, E.: 180 (May) Maloney, W.J.: 348 (Aug) Martin, W.R.W.: 305 (Aug) Mascalchi, M.: 214 (May) Mathieu, J.: 99 (Feb suppl); 109 (Feb suppl); 114 (Feb suppl); 119 (Feb suppl); 129 (Feb suppl); 134 (Feb suppl); 468 (Nov. suppl) May, P.C.: 473 (Nov suppl) McIlroy, W.E.: 58 (Feb) McLean, D.R.: 187 (May) Melanson, D.: 84 (Feb); 417 (Nov) Mesropian, H.: 354 (Aug) Moorjani, S.: 129 (Feb suppl); 134 (Feb

suppl)
Morin, J.: 543 (Nov suppl)
Morissette, J.: 129 (Feb suppl); 134 (Feb suppl)
Myers, R.H.: 465 (Nov suppl)

Nair, N.P.V.: 543 (Nov suppl) Nag, S.: 422 (Nov) Nalbantoglu, J.: 468 (Nov suppl) Neiriuck, L.: 543 (Nov suppl) Ogunmekan, A.O.: 78 (Feb)

Parhad, I.M.: 477 (Nov suppl)
Paris, G.: 104 (Feb suppl)
Parker, R.A.: 305 (Aug)
Pelchat, G.: 161 (May)
Peppard, R.F.: 305 (Aug)
Perpon, M.: 109 (Feb suppl); 114 (Feb suppl)
Phillips, S.J.: 348 (Aug)
Picton, T.W.: 161 (May)

Poirier, J.: 473 (Nov suppl) Polinsky, R.J.: 465 (Nov suppl) Power, C.: 330 (Aug) Prévost, C.: 134 (Feb suppl) Protetch, J.: 406 (Nov) Pyper, A.: 336 (Aug) Rajput, A.H.: 310 (Aug)

Ratner, J.: 543 (Nov suppl) Regan, D.: 168 (May) Regan, M.P.: 168 (May) Reiher. J.: 203 (May); 398 (Nov) Reiter, C.T.: 406 (Nov) Resch, L: 451 (Nov) Rice, G.P.A.: 330 (Aug); 451 (Nov) Riley, D.E.: 439 (Nov) Rivest, J.: 203 (May) Robert, F.: 200 (May) Roberts, P.: 299 (Aug) Robitaille, Y.: 468 (Nov suppl) Rod, M.R.: 340 (Aug) Ross, R.T.: 366 (Aug) Rov, R.: 119 (Feb suppl) Rozkilsky, B.: 310 (Aug) Russell, N.: 206 (May) Ruth, T.J.: 305 (Aug) Sadler, R.M.: 326 (Aug)

Sarnat, H.B.: 157 (May)
Scheibel, A.B.: 498 (Nov suppl)
Serri, O.: 442 (Nov)
Shuaib, A.: 345 (Aug); 432 (Nov)
Simard, M.: 99 (Feb suppl)
Starreveld, E.: 187 (May)
Stethem, L.L.: 161 (May)
Stewart, J.D.: 352 (Aug)
St. George-Hyslop, P.H.: 465 (Nov suppl)
St. Martin, M.: 543 (Nov suppl)
Stuss, D.T.: 161 (May)
Suissa, S.: 543 (Nov suppl)
Sundaram, M.B.M.: 365 (Aug)
Sutherland, G.R.: 394 (Nov)

Tanzu, R.: 465 (Nov suppl)
Taverni, N.: 214 (May)
Texeria, F.: 426 (Nov)
Teravainen, H.: 180 (May)
Tesfaye, Y.: 543 (Nov suppl)
Thibault, M.C.: 129 (Feb suppl); 134
(Feb suppl)
Tomé, F.M.S.: 446 (Nov)
Trapp, G.A.: 498 (Nov suppl)
Tsui, J.K.C.: 180 (May)
Tulipan, N.B.: 305 (Aug)
Tyler, J.L.: 51 (Feb)
Uitti, R.J.: 310 (Aug)

Valberg, L.S.: 184 (May) Veillette, S.: 109 (Feb suppl); 114 (Feb suppl) Veilleux, M.: 452 (Nov) Villemure, J.G.: 84 (Feb) Visintin, M.: 315 (Aug)

Voll, C.L.: 71 (Feb)
Wagle, V.G.: 84 (Feb)
Walker, D.G.: 483 (Nov suppl)
Wang, K.C.: 535 (Nov suppl)
Wegiel, J.: 535 (Nov suppl)
Weinbaum, Q.: 402 (Nov)
Weinshenker, B.G.: 330 (Aug)
Weir, B.K.A.: 28 (Feb); 299 (Aug): 411

Weit, B.R.A.: 26 (Peb), 259 (Aug. (Nov) Winbald, B.: 528 (Nov suppl) Whiting, S.: 191 (May) Wilson, A.F.: 187 (May)

Winder, T.R.: 67 (Feb)
Wisniewski, H.M.: 535 (Nov suppl)
Wollin, T.: 310 (Aug)
Yamamoto, Y.L.: 51 (Feb)

Yamamoto, Y.L.: 51 (Feb. Young, B.: 388 (Nov) Young, G.B.: 365 (Aug) Yuen, W.K.: 310 (Aug)

# Subject Index to Volume 16 — 1989

#### Abstracts

XXIVth Canadian Congress of Neurological Sciences 231 (May)

3rd Canadian Neuro-oncology Meeting 141 (Feb)
Canadian Association of Neuropathologists Annual
Meeting 225 (May)

#### Acanthocytosis

Chorea-Acanthocytosis: Report of a Family and Neuropathologic Study of Two Cases 426 (Nov)

#### Acromegaly

Growth Hormone Rebound after Cessation of SMS 201-995 Treatment in Acromegaly 442 (Nov)

#### **Adrenal Implants**

PET Studies of Parkinsonian Patients Treated with Autologous Adrenal Implants 305 (Aug)

#### Aging

Traumatic Brain Injury, Aging and Reaction Time 161 (May)

#### Aluminum

New Evidence for an Active Role of Aluminum in Alzheimer's Disease 490 (Nov suppl)

#### Alzheimer's Disease

Activities and Kinetic Properties of Lumbar Cerebrospinal Fluid Cholinesterases in Relation to Clinical Diagnosis, Severity and Progression of Aizheimer's Disease 406 (Nov)

Alzheimer's Disease: Strategies for the Future 465-550 (Nov suppl)

Environmental Factors and Etiologic Hypothesis 375 (Nov)

## Amyloid

Ultrastructural Studies of the Cells Forming Amyloid Fibers in Classical Plaques 535 (Nov suppl)

#### Aneurysm

Distal Sciatic Nerve Compression by a Popliteal Artery Aneurysm 352 (Aug)

Transcranial Doppler Studies in Aneurysm Patients 411
(Nov)

Trends in Blood Pressure, Osmolality and Electrolytes after Subarachnoid Hemorrhage from Aneurysms 299 (Aug)

## Anosognosia

Transient Anosognosia for Episodic Hemiparesis: A Singular Manifestation of TIAs and Epileptic Seizures 203 (May)

#### Apolipoprotein E

Hypertriglyceridemia and Lower LDL Cholesterol Concentration in Relation to Apolipoprotein E Phenotypes in Myotonic Dystrophy 129 (Feb suppl)

Myotonic Dystrophy: Linkage with Apolipoprotein E and Estimation of the Gene Carrier Status with Genetic Markers 134 (Feb suppl)

## Aseptic Meningitis, Chronic

Chronic Aseptic Meningitis in a Patient with Systemic Lupus Erythematosus 354 (Aug)

#### Bahinski

Que savez-vous de Joseph Babinski? 1 (Feb)

## **Basilar Artery Occlusion**

Isolated Basilar Artery Occlusion Associated with a Clivus Fracture 81 (Feb)

#### Binswanger's Disease

Computed Tomography, Magnetic Resonance Imaging and Pathological Correlations in a Case of Binswanger's Disease 214 (May)

### **Brain Death**

Brain Death and the Persistent Vegetative State: Similarities and Contrasts 388 (Nov)

#### **Brain Injury**

Traumatic Brain Injury, Aging and Reaction Time 161 (May)

#### **Brain Tumours**

An Update on the Cellular and Molecular Biology of Brain Tumours — a Review 22 (Feb)

#### **Carotid Endarterectomy**

Multiple Intra-Cranial Hemorrhages after Carotid Endarterectomy 345 (Aug)

#### Cerebral Edema

Cerebral Edema Associated with Meningioma 211 (May)

#### Cerebral Necrosis

Pre- and Post-Ischemic Administration of Dizocilpine (MK-801) Reduces Cerebral Necrosis in the Rat 340 (Aug)

#### Cerebrospinal Fluid

Activities and Kinetic Properties of Lumbar Cerebrospinal Fluid Cholinesterases in Relation to Clinical Diagnosis, Severity and Progression of Alzheimer's Disease 406 (Nov)

#### Cholinergic Nerve Terminals

Antibodies in Serum of Patients with Alzheimer's Disease Cause Immunolysis of Cholinergic Nerve Terminals from the Rat Cerebral Cortex 528 (Nov suppl)

## Cholinesterases

Activities and Kinetic Properties of Lumbar Cerebrospinal Fluid Cholinesterases in Relation to Clinical Diagnosis, Severity and Progression of Alzheimer's Disease 406 (Nov)

#### Chore

Chorea - Acanthocytosis: Report of a Family and Neuropathologic Study of Two Cases 426 (Nov)

#### Clivus Fracture

Isolated Basilar Artery Occlusion Associated with a Clivus Fracture 81 (Feb)

#### Corticospinal and Corticobulbar Tracts

Do the Corticospinal and Corticobulbar Tracts Mediate Functions in the Human Newborn? 157 (May)

## Creutzfeldt Jakob Disease

Periodic Complexes in Creutzfeldt Jakob Disease and Sleep 365 (Aug)

## Cricopharyngeal Myotomy

Inclusion Body Myositis Associated with Progressive Dysphagia: Treatment with Cricopharyngeal Myotomy 436 (Nov)

## Cyst, Intraparenchymal Epithelial

Intraparenchymal Epithelial (Enterogenous) Cyst of the Medulla Oblongata 206 (May)

#### Dementia

Tacrine, a Drug with Therapeutic Potential for Dementia: Post-Mortem Biochemical Evidence 504 (Nov suppl)

## Dendritic Pathology

Dendritic Pathology: An Overview of Golgi Studies in Man 41 (Feb)

## Dissection, Vertebral Artery

Pure Motor Stroke due to Vertebral Artery Dissection 348 (Aug)

#### Dizurilpine

Pre- and Post-Ischemic Administration of Dizocilpine (MK-801) Reduces Cerebral Necrosis in the Rat 340 (Aug)

#### Doppler

Transcranial Doppler Studies in Aneurysm Patients 411
(Nov)

## EEG

Periodic Complexes in Creutzfeldt Jakob Disease and Sleep 365 (Aug)

#### Epilepsy

A Cross-Canada Survey of Neurologists on Controversial Issues in Epilepsy Management 365 (Aug)

A Study of Monoamine Metabolism in Human Epilepsy 394 (Nov)

Temporal Intermittent Rhythmic Delta Activity (TIRDA) in the Diagnosis of Complex Partial Epilepsy: Sensitivity, Specificity and Predictive Value 398 (Nov)

Double Blind Cross-Over Placebo Controlled Study of Flunarizine in Patients with Therapy-Resistant Epilepsy 187 (May)

Flunarizine as a Supplementary Medication in Retractory Childhood Epilepsy: A Double-Blind Cross-Over Study 191 (May)

Multiple Electrodes for Detecting Spikes in Partial Complex Seizures 326 (Aug)

Relationships Between Electrophysiology and Intracellular Mechanisms Involving Second Messengers and Gene Expression 8 (Feb)

Transient Anosognosia for Episodic Hemiparesis: A Singular Manifestation of TIAs and Epileptic Seizures 203 (May)

#### **Evoked Potentials**

Objective Investigation of Visual Function Using a Non-Destructive Zoom-FFT Technique for Evoked Potential Analysis 168 (May)

#### **Extracranial Carotid Disease**

Hemodynamic and Metabolic Effects of Extracranial Carotid Disease 51 (Feb)

## Fibrinolytic Therapy

Intrathecal Fibrinolytic Therapy after Subarachnoid Hemorrhage: Dosage Study in a Primate Model and Review of the Literature 28 (Feb)

#### Flunarizine

Double-Blind Cross-Over Placebo Controlled Study of Flunarizine in Patients with Therapy-Resistant Epilepsy 187 (May)

Flunarizine as a Supplementary Medication in Refractory Childhood Epilepsy: A Double-Blind Cross-Over Study 191 (May)

## Fourth Ventricle, Sequestered

Partially Sequestered Fourth Ventricle CT and MR Diagnosis of an Unusual Entity 84 (Feb)

## Genetics in Alzheimer's Disease

Altered Gene Expression in Alzheimer's Disease Brain Tissue 473 (Nov suppl)

Ascertainment of Informative Alzheimer's Disease Families from the IMAGE Project Registry for Genetic Linkage Analysis Studies 468 (Nov suppl)

Molecular Genetics of Familial Alzheimer's Disease 465 (Nov suppl)

Strategies for the Identification of Novel Brain Specific Genes Affected in Alzheimer's Disease 483 (Nov suppl)

## Gilles de la Tourette Syndrome

Pain in Gilles de la Tourette Syndrome and Related Tic Disorders 439 (Nov)

### **Glucose Utilization**

Cortical Glutaminase, β-Glucuronidase and Glucose
Utilization in Alzheimer's Disease 511 (Nov suppl)



## Golgi Studies

Dendritic Pathology: An Overview of Golgi Studies in Man 41 (Feb)

#### Growth Hormone

Growth Hormone Rebound after Cessation of SMS 201-995 Treatment in Acromegaly 442 (Nov)

#### Headache

Vascular Headache: A Presenting Symptom of Multiple Sclerosis 63 (Feb)

#### Head Injury

Pediatric Head Injury Caused by Off-Road Vehicle Accidents 336 (Aug)

## **Heart Transplantation**

Neuropathology of heart transplantation 291 (Aug)

#### Heminaresis

Transient Anosognosia for Episodic Hemiparesis: A Singular Manifestation of TIAs and Epileptic Seizures 203 (May)

#### Hemispherectomy

Sturge-Weber-Dimitri Disease: Role of Hemispherectomy in Prognosis 78 (Feb)

#### Hemorrhage

Multiple Intra-Cranial Hemorrhages after Carotid Endarterectomy 345 (Aug)

#### HTLV-1

HTLV-1 Associated Myelopathy in Canada 330 (Aug)

#### **Hypoglossal Palsies**

Bilateral Hypoglossal Palsies: A Late Complication of Curative Radiotherapy 198 (May)

#### **Immune System**

Immune System Response in Alzheimer's Disease 516 (Nov suppl)

#### **Inclusion Body Myositis**

Inclusion Body Myositis Associated with Progressive Dysphagia: Treatment with Cricopharyngeal Myotomy 436 (Nov)

## Iron Metabolism

Abnormalities in Iron Metabolism in Multiple Sclerosis 184 (May)

## Kugelberg-Welander Disease

Sensory Neuron Degeneration in Familial Kugelberg-Welander Disease 67 (Feb)

## Locomotor Pattern

The Effects of Body Weight Support in the Locomotor Pattern of Spastic Paretic Patients 315 (Aug)

## Magnetic Resonance Imaging

MR of Deep Cerebral Venous Thrombosis 417 (Nov)

## Meningioma

Cerebral Edema Associated with Meningioma 211 (May)

#### Metal Concentrations

Regional Metal Concentrations in Parkinson's Disease, Other Chronic Neurological Diseases and Control Brains 310 (Aug)

## **Methanol Poisoning**

Methanol Poisoning: Factors Associated with Neurologic Complications 432 (Nov)

#### Monoamines

A Study of Monoamine Metabolism in Human Epilepsy 394 (Nov)

## **Motor Neuron Disease**

The Relationship Between Alzheimer's Disease, Parkinson's Disease and Motor Neuron Disease 547 (Nov suppl)

# Multiple Sclerosis

Abnormalities in Iron Metabolism in Multiple Sclerosis 184 (May)

#### Myelopathy

HTLV-1 Associated Myelopathy in Canada 330 (Aug)

#### Myotonic Dystronhy

Hypertriglyceridemia and Lower LDL Cholesterol Concentration in Relation to Apolipoprotein E Phenotypes in Myotonic Dystrophy 129 (Feb suppl)

La dystrophie myotonique: I caractéristiques social économiques et résidentielles des malades 109 (Feb suppl)

La dystrophie myotonique: Il nuptialité, fécondité et transmission du gène 114 (Feb suppl)

La variabilité du phénotype dans la dystrophie myotonique de Steinert 93 (Feb suppl)

Maladie de Steinert ou dystrophie myotonique «Une maladie comme les autres» 89 (Feb suppl)

Myotonic Dystrophy: Linkage with Apolipoprotein E and Estimation of the Gene Carrier Status with Genetic Markers 134 (Feb suppl)

Origin and Diffusion of the Myotonic Dystrophy Gene in the Saguenay Region (Quebec) 119 (Feb suppl)

Partial Syndrome of Myotonic Dystrophy: Clinical Presentation and Follow-Up 99 (Feb suppl)

#### Myotonic Dystrophy, Epidemiology

Myotonic Dystrophy in Quebec: Geographical Distribution and Concept of Genetic Homogeneity 123 (Feb suppl)

#### Myotonic Dystrophy, Infantile

La mère et l'enfant atteints de dystrophie myotonique de Steinert 104 (Feb suppl)

#### **Neuron Degeneration**

Sensory Neuron Degeneration in Familial Kugelberg-Welander Disease 67 (Feb)

#### Neuropathy

Neuropathy with Onion Bulb Formations and Pure Motor Manifestations 194 (May)

#### Nerve Compression, Sciatic

Distal Sciatic Nerve Compression By a Popliteal Artery Aneurysm 352 (Aug)

## Newborn

Do the Corticospinal and Corticobulbar Tracts Mediate Functions in the Human Newborn? 157 (May)

## Oculopharyngeal Muscular Dystronhy

Nuclear Inclusions in Oculopharyngeal Muscular Dystrophy in Quebec 446 (Nov)

## **Onion Bulb Formations**

Neuropathy with Onion Bulb Formations and Pure Motor Manifestations 194 (May)

Pain in Gilles De La Tourette Syndrome and Related Tic Disorders 439 (Nov)

## Parkinsonian Rigidity

Optimal Indices for Testing Parkinsonian Rigidity 180 (May)

#### Parkinson's Disease

Clustering of Parkinson's Disease in Southern Israel

402 (Nov) PET Studies of Parkinsonian Patients Treated with

Autologons Adrenal Implants 305 (Aug) Regional Metal Concentrations in Parkinson's Disease,

Other Chronic Neurological Diseases and Control Brains 310 (Aug)

The Relationship Between Alzheimer's Disease, Parkinson's Disease and Motor Neuron Disease 547 (Nov suppl)

Young Age Parkinsonism and Common Drugs 366 (Aug)

## **Platelet Aggregability**

Platelet Aggregability in Sleep-Related Stroke 71 (Feb)

## Progressive Multifocal Leukoencephalopathy

Progressive Multifocal Leukoencephalopathy with Gray Matter Involvement 200 (May)

#### Radiotherapy

Bilateral Hypoglossal Palsies: A Late Complication of Curative Radiotherapy 198 (May)

#### Reflex, Heteronymous lb

Effect of Knee Joint Angle on a Heteronymous lb Reflex in the Human Lower Limb 58 (Feb)

Expression of Neuronal in mRNAs in Alzheimer Type Degeneration of the Nervous System 477 (Nov

#### Schwannoma

Cystic Schwannoma of the Brainstem 357 (Aug)

#### Screening - For Anticonvulsant Reactions

Routine Screening of Blood and Urine for Severe Anticonvulsant Reactions in Asymptomatic Patients is of Doubtful Value 361 (Aug)

Screening of the Epileptic Patient - Is it worth the trouble 363 (Aug)

The Effects of Body Weight Support in the Locomotor Pattern of Spastic Paretic Patients 315 (Aug)

#### Stroke

Platelet Aggregability in Sleep-Related Stroke 71 (Feb) Pure Motor Stroke Due to Vertebral Artery Dissection

#### Sturge-Weber-Dimitri Disease

Sturge-Weber-Dimitri Disease: Role of Hemispherectomy in Prognosis 78 (Feb)

#### Subarachnoid Hemorrhage

Intrathecal Fibrinolytic Therapy after Subarachnoid Hemorrhage: Dosage Study in a Primate Model, and Review of the Literature 28 (Feb)

Trends in Blood Pressure, Osmolality and Electrolytes after Subarachnoid Hemorrhage from Aneurysms 299 (Aug)

## Systemic Lupus Erythematosus

Chronic Aseptic Meningitis in a Patient with Systemic Lupus Erythematosus 354 (Aug)

Tacrine, a Drug with Therapeutic Potential for Dementia: Post-Mortem Biochemical Evidence 504 (Nov suppl)

### Tetrahydroaminoacridine

Progress Report on the Canadian Multicentre Trial of Tetrahydroaminoacridine with Lecithin in Alzheimer's Disease 543 (Nov suppl)

#### Thrombosis

MR of Deep Cerebral Venous Thrombosis 417 (Nov)

## Tic Disorders

Pain in Gilles de la Tourette Syndrome and Related Tic Disorders 439 (Nov)

Temporal Intermittent Rhythmic Delta Activity (TIRDA) in the Diagnosis of Complex Partial Epilepsy: Sensitivity, Specificity and Predictive Value 398 (Nov)

## Toxoplasmosis

Myelopathy: An Unusual Presentation of Toxoplasmosis 422 (Nov)

### Vegetative State

Brain Death and the Persistent Vegetative State: Similarities And Contrast 388 (Nov)

#### Visual Function

Objective Investigation of Visual Function Using a Nondestructive Zoom-FFT Technique for Evoked Potential Analysis 168 (May)

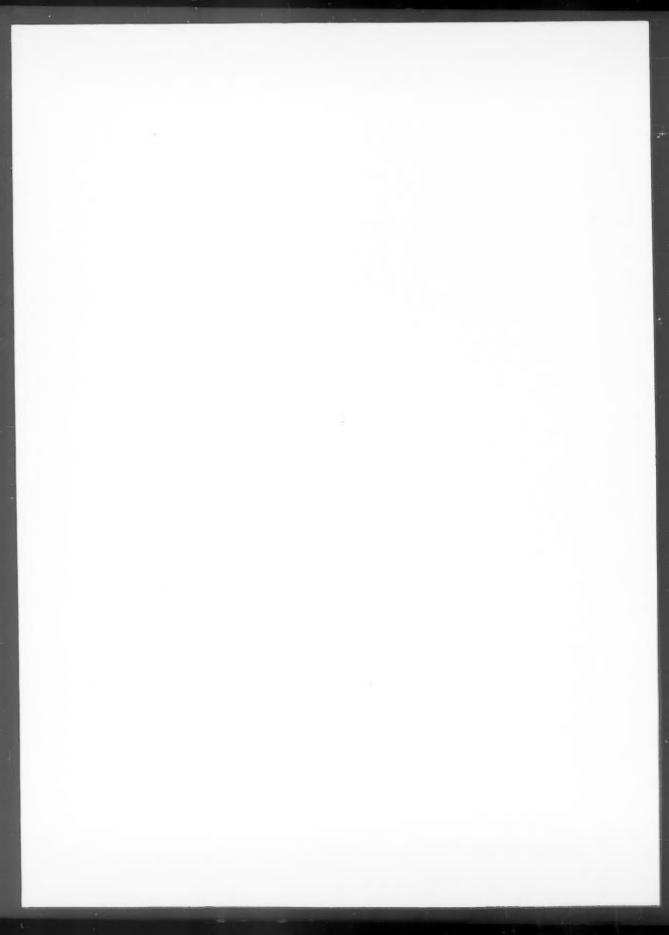
THE CANADIAN JOURNAL OF NEUROLOGICAL SCIENCES	5	VOL. 16, NO. 2 MAY 1989	
VOL. 16, NO. 1 FEB. 1989		HYPOTHESIS	
SPECIAL FEATURES		Do the Corticospinal and Corticobulbar Tracts Mediate Functions in the	
Que savez-vous de Joseph Babinski?		Human Newborn?  Harvey B. Sarnat1!	57
Claude Bélanger	1	ORIGINAL ARTICLES	20
Epilepsy: Relationships between Electrophysiology and Intracellular		Traumatic Brain Injury, Aging and Reaction Time	
Mechanisms Involving Second Messengers and Gene Expression		D.T. Stuss, L.L. Stethem, T.W. Picton, E.E. Leech and G. Pelchat16	61
P. Gloor	8	Objective Investigation of Visual Function Using a Nondestructive	
An Update on the Cellular and Molecular Biology of Brain		Zoom-FFT Technique for Evoked Potential Analysis	
Tumors — A Review		M.P. Regan and D. Regan	50
Michael D. Cusimano	22	Heikki Teräväinen, Joseph K.C. Tsui, Edwin Mak and	
ORIGINAL ARTICLES		Donald B. Calne1	80
Intrathecal Fibrinolytic Therapy after Subarachnoid Hemorrhage:		Abnormalities in Iron Metabolism in Multiple Sclerosis	
Dosage Study in a Primate Model and Review of the Literature		Leslie S. Valberg, Peter R. Flanagan, Ann Kertesz and George C. Ebers1	84
J.M. Findlay, B.K.A. Weir, K. Kanamaru, M. Grace, P. Gordon, R. Baughman and A. Howarth	28	Double-Blind Cross-Over Placebo Controlled Study of Flunarizine in Patients with Therapy Resistant Epilepsy	
Dendritic Pathology: An Overview of Golgi Studies in Man	20	E. Starreveld, F. de Beukelaar, A.F. Wilson, D.R. McLean and	
Venkita Jagadha and Laurence E. Becker	41	Helen P. Findlay11	87
Hemodynamic and Metabolic Effects of Extracranial Carotid Disease		Flunarizine as a Supplementary Medication in Refractory Childhood Epilepsy:	
Richard Leblanc, Y. Lucas Yamamoto, Jane L. Tyler and		A Double-Blind Crossover Study	
Antoine Hakim	51	D. Keene, S. Whiting, P. Humphreys and P. Jacob	91
Effect of Knee Joint Angle on a Heteronymous Ib Reflex in the		Neuropathy with Onion Bulb Formations and Pure Motor Manifestations  Roland N. Auer, Robert B. Bell and Mary Anne Lee	0
Human Lower Limb		Bilateral Hypoglossal Palsies: A Late Complication of Curative Radiotherapy	,
J.D. Brooke and W.E. McIlroy	58	Eamon F. Johnston, Alex J. Hammond and J. Gregory Cairncross1	98
Vascular Headache: A Presenting Symptom of Multiple Sclerosis		Progressive Multifocal Leukoencephalopathy with Gray Matter Involvement	
Mark S. Freedman and Trevor A. Gray	63	S. Ledoux, I. Libman, F. Robert and N. Just	:00
Sensory Neuron Degeneration in Familial Kugelberg-Welander Disease		Transient Anosognosia for Episodic Hemiparesis: A Singular Manifestation of TIA's and Epileptic Seizures	
Toni R. Winder and Roland N. Auer	67	F. Grand'Maison, J. Reiher, M.L. Lebel and J. Rivest	0
Platelet Aggregability in Sleep-Related Stroke	71	Intraparenchymal Epithelial (Enterogenous) Cyst of the Medulla Oblongata	0.
C.L. Voll, N. Chetty and P. Atkinson	/1	Boleshaw Lach, Neville Russell, David Atack and Brien Benoit2	106
A. Oluwole Ogunmekan, Paul A. Hwang and Harold J. Hoffman	70	Cerebral Edema Associated with Meningioma	
Isolated Basilar Artery Occlusion Associated with a Clivus Fracture	70	Shih-Tseng Lee and Swei Hsueh2	111
Abhijit Guha, Mahmood Fazl and Perry W. Cooper	81	Computed Tomography, Magnetic Resonance Imaging and Pathological Correlations in a Case of Binswanger's Disease	
Partially Sequestered Fourth Ventricle CT and MR Diagnosis of	0.	M. Mascalchi, D. Inzitari, G. Dal Pozzo, N. Taverni and	
an Unusual Entity		A.L. Abbamondi2	114
V.G. Wagle, D. Melanson and J.G. Villemure	84	BOOK REVIEWS2	119
SPECIAL SUPPLEMENT Dystrophie myotonique au Québec.		NOTES AND ANNOUNCEMENTS	
Procédés d'un symposium tenu a Québec en décembre 1986	88	CALENDAR OF EVENTS	
Maladie de Steinert ou dystrophie myotonique «Une maladie pas		CANADIAN ASSOCIATION OF NEUROPATHOLOGISTS – Abstracts2	
comme les autres»  Bernard Lemieux	00	XXIVth CANADIAN CONGRESS OF NEUROLOGICAL SCIENCES –	-
La variabilité du phénotype dans la dystrophie myotonique de Steinert	09	Program and Abstracts2	
Jean-Pierre Bouchard	93	INSTRUCTIONS TO AUTHORS	
Partial Syndrome of Myotonic Dystrophy: Clinical Presentation and Follow-up		ADVERTISERS INDEX	XX
Jean Mathieu, Marcel Simard, Marc De Braekeleer, Camil Boily and		VOL. 16, NO. 3 AUG. 1989	
Aurèle Deschênes	99	ORIGINAL ARTICLES	
La mère et l'enfant atteints de dystrophie myotonique de Steinert  G. Paris, R. Laframboise et JP. Bouchard	104	Neuropathology of heart transplantation	
La dystrophie myotonique: I caractéristiques socio-économiques et	104	L.C. Ang, J.M. Gillett and J.C.E. Kaufmann2	19
résidentielles des malades		Trends in Blood Pressure, Osmolality and Electrolytes after Subarachnoid	
Michel Perron, Suzanne Veillette et Jean Mathieu	109	Hemorrhage from Aneurysms	
La dystrophie myotonique: Il nuptialité, fécondité et transmission du gène		Lew Disney, Bryce Weir, Michael Grace and Paul Roberts	
Suzanne Veillette, Michel Perron et Jean Mathieu Origin and Diffusion of the Myotonic Dystrophy Gene in	114	M. Guttman, R.S. Burns, W.R.W. Martin, R.F. Peppard, M.J. Adam,	
the Saguenay Region (Quebec)		T.J. Ruth, G. Allen, R.A. Parker, N.B. Tulipan and D.B. Calne	0.
Gérard Bouchard, Raymond Roy, Manon Declos, Jean Mathieu and		Regional Metal Concentrations in Parkinson's Disease, Other Chronic	
Kevork Kouladjian	119	Neurological Diseases and Control Brains	
Myotonic Dystrophy in Quebec: Geographical Distribution and		Ryan J. Uitti, A.H. Rajput, B. Rozkilsky, M. Bickis, T. Wollin	110
Concept of Genetic Homogeneity	1 22	and W.K. Yuen	
Claude Laberge	123	Paretic Patients	
Relation to Apolipoprotein E		M. Visintin and H. Barbeau3	113
Phenotypes in Myotonic Dystrophy		Multiple Electrodes for Detecting Spikes in Partial Complex Seizures	
Sital Moorjani, Daniel Gaudet, Claude Laberge, Marie Christine Thibault,		R. Mark Sadler and John Goodwin	126
Jean Mathieu, Jean Morissette, Paul J. Lupien, Daniel Brun		HTLV-1 Associated Myelopathy in Canada Christopher Power, Brian G. Weinshenker, Gregory A. Dekaban,	
and Claude Gagné	129	G.C. Ebers, Gordon S. Francis and George P.A. Rice	3(
Myotonic Dystrophy: Linkage with Apoliprotein E and Estimation of the Gene Carrier Status with Genetic Markers		Pediatric Head Injury Caused by Off-Road Vehicle Accidents	
Marie-Christine Thibault, Jean Mathieu, Sital Moorjani, André Lescault,		E.R. Cardoso and Alexander Pyper3	136
Claude Prévost, Daniel Gaudet, Jean Morissette and Claude Laberge	134	Pre- and Post-Ischemic Administration of Dizocilpine (MK-801)	
Abstracts of the 3rd Canadian Neuro-oncology Meeting	141	Reduces Cerebral Necrosis in the Rat	2.44
BOOK REVIEWS		M.R. Rod and R.N. Auer	14
CALENDAR OF EVENTS ADVERTISERS INDEX		Ashfaq Shuaib, K. Michael Hunter and Melvin A. Anderson	34
INSTRUCTIONS TO AUTHORS		Pure Motor Stroke due to Vertebral Artery Dissection	
		Stephen J. Phillips, William J. Maloney and Jean Gray3	34

## LE JOURNAL CANADIEN DES SCIENCES NEUROLOGIQUES

Distal Sciatic Nerve Compression by a Popliteal Artery	
Yves Beaudry, John D. Stewart and Lee Errett	352
Chronic Aseptic Meningitis in a Patient with Systemic I	upus Erythematosus
Marcelo Elias Lancman, Hripsime Mesropian and	
Rubens Jorge Granillo	354
Cystic Schwannoma of the Brainstem	
Denis Ladouceur, Denis Bergeron, Jacques B. Lama	
Lucie Lamontagne	357
VIEWPOINT	
	annuland Desertions
Routine Screening of Blood and Urine for Severe Antic	onvulsant Reactions
in Asymptomatic Patients is of Doubtful Value	
Prepared by a Committee of the Canadian Associat	tion for
Child Neurology	361
Commentary	
Screening of the Epileptic Patient - Is it worth the troub	
Robert H.A. Haslam and Gideon Koren	363
CORRESPONDENCE	
A Cross Canada Survey of Neurologists on Controversi	al teause in
	at issues in
Epilepsy Management	
M.W. Jones and J. Bruni	365
Periodic Complexes in Creutzfeldt Jakob Disease and S	Sleep
M.B.M. Sundaram and G.B. Young	365
Young Age Parkinsonism and Common Drugs	
	266
R.T. Ross	366
BOOK REVIEWS	368
NOTES AND ANNOUNCEMENTS	372
CALENDAR OF EVENTS	373
INSTRUCTIONS TO AUTHORS	in a second
INSTRUCTIONS TO AUTHORS	
ADVERTISERS INDEX	xxi
VOL 16 NO 4 NOV 1000	
VOL. 16, NO. 4 NOV. 1989	
REVIEW ARTICLE	
Alzheimer's Disease: Environmental Factors and Etiolo	gic Hynotheses
Denue Coutin and Come Couthing	Sic 11ypoureses
Denyse Gautrin and Serge Gauthier	
EDITORIAL REVIEW	
Brain Death and the Persistent Vegative State: Similarit	ies and Contrasts
Bryan Young, Warren Blume and Abbyann Lynch	
ORIGINAL ARTICLES	
	у
A Study of Monoamine Metobolism in Human Epileps	у 394
A Study of Monoamine Metobolism in Human Epileps D. Louw, G.R. Suthern, G.B. Glavin and J. Girvin	394
A Study of Monoamine Metobolism in Human Epileps D. Louw, G.R. Suthern, G.B. Glavin and J. Girvin Temporal Intermittent Rhythmic Delta Activity (TIRDA	) in the Diagnosis
A Study of Monoamine Metobolism in Human Epileps D. Louw, G.R. Suthern, G.B. Clavin and J. Girvin Temporal Intermittent Rhythmic Delta Activity (TIRDA of Complex Partial Epilepsy: Sensitivity, Specificity and	) in the Diagnosis d Predictive Value
A Study of Monoamine Metobolism in Human Epileps D. Louw, G.R. Suthern, G.B. Glavin and J. Girvin Temporal Intermittent Rhythmic Delta Activity (TIRDA of Complex Partial Epilepsy: Sensitivity, Specificity and Jean Reiher, Michel Beaudry, and Charles P. Leduc	) in the Diagnosis d Predictive Value
A Study of Monoamine Metobolism in Human Epileps D. Louw, G.R. Suthern, G.B. Glavin and J. Girvin Temporal Intermittent Rhythmic Delta Activity (TIRDA of Complex Partial Epilepsy: Sensitivity, Specificity and Jean Reiher, Michel Beaudry, and Charles P. Leduc	) in the Diagnosis d Predictive Value
A Study of Monoamine Metobolism in Human Epileps D. Louw, G.R. Suthern, G.B. Glavin and J. Girvin Temporal Intermittent Rhythmic Delta Activity (TIRDA of Complex Partial Epilepsy: Sensitivity, Specificity and Lean Reiher, Michel Beaudry, and Charles P. Leduc Clustering of Parkinson's Disease in Southern Isreal	
A Study of Monoamine Metobolism in Human Epileps D. Louw, G.R. Suthern, G.B. Clavin and J. Girvin Temporal Intermittent Rhythmic Delta Activity (TIRDA of Complex Partial Epilepsy: Sensitivity, Specificity and Jean Reiher, Michel Beaudry, and Charles P. Leduc Clustering of Parkinson's Disease in Southern Israel Y.O. Herishanu, J.R. Goldsmith, J.M. Abarbanel at	394 ) in the Diagnosis d Predictive Value 398
A Study of Monoamine Metobolism in Human Epileps D. Louw, G.R. Suthern, G.B. Clavin and J. Girvin Temporal Intermittent Rhythmic Delta Activity (TIRDA of Complex Partial Epilepsy: Sensitivity, Specificity and Jean Reiher, Michel Beaudry, and Charles P. Leduc Clustering of Parkinson's Disease in Southern Isreal Y.O. Herishanu, J.R. Goldsmith, J.M. Abarbanel at Activities and Kinetic Properties of Lumbar Cerebrospi	
A Study of Monoamine Metobolism in Human Epileps D. Louw, G.R. Suthern, G.B. Clavin and J. Girvin Temporal Intermittent Rhythmic Delta Activity (TIRDA of Complex Partial Epilepsy: Sensitivity, Specificity and Jean Reiher, Michel Beaudry, and Charles P. Ledu Clustering of Parkinson's Disease in Southern Israel Y.O. Herishanu, J.R. Goldsmith, J.M. Abarbanel at Activities and Kinetic Properties of Lumbar Cerebrosp Cholinesterases in Relation to Clinical Diagnosis, Sevi	
A Study of Monoamine Metobolism in Human Epileps D. Louw, G.R. Suthern, G.B. Clavin and J. Girvin Temporal Intermittent Rhythmic Delta Activity (TIRDA of Complex Partial Epilepsy: Sensitivity, Specificity and Jean Reiher, Michel Beaudry, and Charles P. Ledu Clustering of Parkinson's Disease in Southern Isreal Y.O. Herishanu, J.R. Goldsmith, J.M. Abarbanel at Activities and Kinetic Properties of Lumbar Cerebrospi Cholinesterases in Relation to Clinical Diagnosis, Seve of Alzheimer's Disease	394 in the Diagnosis d Predictive Value 398 and Z. Weinbaum
A Study of Monoamine Metobolism in Human Epileps D. Louw, G.R. Suthern, G.B. Clavin and J. Girvin Temporal Intermittent Rhythmic Delta Activity (TIRDA of Complex Partial Epilepsy: Sensitivity, Specificity and Jean Reiher, Michel Beaudry, and Charles P. Leduc Clustering of Parkinson's Disease in Southern Isreal Y.O. Herishanu, J.R. Goldsmith, J.M. Abarbanel at Activities and Kinetic Properties of Lumbar Cerebrospi Cholinesterases in Relation to Clinical Diagnosis, Several Alzheimer's Disease	394 in the Diagnosis d Predictive Value 398 and Z. Weinbaum
A Study of Monoamine Metobolism in Human Epileps D. Louw, G.R. Suthern, G.B. Clavin and J. Girvin Temporal Intermittent Rhythmic Delta Activity (TIRDA of Complex Partial Epilepsy: Sensitivity, Specificity and Jean Reiher, Michel Beaudry, and Charles P. Leduc Clustering of Parkinson's Disease in Southern Isreal Y.O. Herishanu, J.R. Goldsmith, J.M. Abarbanel at Activities and Kinetic Properties of Lumbar Cerebrospi Cholinesterases in Relation to Clinical Diagnosis, Several Alzheimer's Disease	394 in the Diagnosis d Predictive Value 398 and Z. Weinbaum
A Study of Monoamine Metobolism in Human Epileps D. Louw, G.R. Suthern, G.B. Clavin and J. Girvin Temporal Intermittent Rhythmic Delta Activity (TIRDA of Complex Partial Epilepsy: Sensitivity, Specificity and Jean Reiher, Michel Beaudry, and Charles P. Leduc Clustering of Parkinson's Disease in Southern Israel Y.O. Herishanu, J.R. Goldsmith, J.M. Abarbanel at Activities and Kinetic Properties of Lumbar Cerebrosy Cholinesterases in Relation to Clinical Diagnosis, Sevior Alzheimer's Disease F. Jacob Huff, Clara T. Reiter and Jack Protetch Transcranial Doppler Studies in Aneurysm Patients	394 In the Diagnosis I Predictive Value 398 and Z. Weinbaum402 nal Fluid erity, and Progression 406
A Study of Monoamine Metobolism in Human Epileps D. Low, C.R. Suthern, G.B. Clavin and J. Girvin Temporal Intermittent Rhythmic Delta Activity (TIRDA of Complex Partial Epilepsy: Sensitivity, Specificity and Jean Reiher, Michel Beaudry, and Charles P. Ledu Clustering of Parkinson's Disease in Southern Israel Y.O. Herishanu, J.R. Goldsmith, J.M. Abarbanel at Activities and Kinetic Properties of Lumbar Cerebrosp Choliresterases in Relation to Clinical Diagnosis, Sevi of Alzheimer's Disease F. Jacob Huff, Clara T. Reiter and Jack Protetch Transcranial Doppler Studies in Aneurysm Patients Kenneth Hutchison and Bryce Weir	394 In the Diagnosis I Predictive Value 398 and Z. Weinbaum402 nal Fluid erity, and Progression 406
A Study of Monoamine Metobolism in Human Epileps D. Louw, G.R. Suthern, G.B. Glavin and J. Giruni Temporal Intermittent Rhythmic Delta Activity (TIRDA of Complex Partial Epilepsy: Sensitivity, Specificity an Jean Reiher, Michel Beaudry, and Charles P. Leduc Clustering of Parkinson's Disease in Southern Isreal Y.O. Herishanu, J.R. Goldsmith, J.M. Abarbanel at Activities and Kinetic Properties of Lumbar Cerebrosp Cholinesterases in Relation to Clinical Diagnosis, Sev of Alzheimer's Disease F. Jacob Huff, Clara T. Reiter and Jack Protetch Transcranial Doppler Studies in Aneurysm Patients Kenneth Hutchison and Bryce Weir MR of Deep Cerebral Venous Thrombosis	394 in the Diagnosis d Predictive Value 398 and Z. Weinbaum
A Study of Monoamine Metobolism in Human Epileps D. Louw, G.R. Suthern, G.B. Clavin and J. Girvin Temporal Intermittent Rhythmic Delta Activity (TIRDA of Complex Partial Epilepsy: Sensitivity, Specificity and Jean Reiher, Michel Beaudry, and Charles P. Leduc Clustering of Parkinson's Disease in Southern Israel Y.O. Herishanu, J.R. Goldsmith, J.M. Abarbanel at Activities and Kinetic Properties of Lumbar Cerebrosy Cholinesterases in Relation to Clinical Diagnosis, Sevior Alzheimer's Disease F. Jacob Huff, Clara T. Reiter and Jack Protetch Transcranial Doppler Studies in Aneurysm Patients Kenneth Hutchison and Bryce Weir MR of Deep Cerebral Venous Thrombosis R.A. Ashforth, D. Melanson, and R. Ethier	394 i) in the Diagnosis I Predictive Value 398 and Z. Weinbaum
A Study of Monoamine Metobolism in Human Epileps D. Lowe, G.R. Suthern, G.B. Clavin and J. Girvin Temporal Intermittent Rhythmic Delta Activity (TIRDA of Complex Partial Epilepsy: Sensitivity, Specificity and Jean Reiher, Michel Beaudry, and Charles P. Ledu Clustering of Parkinson's Disease in Southern Isreal Y.O. Herishanu, J.R. Goldsmith, J.M. Abarbanel at Activities and Kinetic Properties of Lumbar Cerebrosp Cholinesterases in Relation to Clinical Diagnosis, Sevi of Alzheimer's Disease F. Jacob Huff, Clara T. Reiter and Jack Protetch Transcranal Doppler Studies in Aneurysm Patients Kenneth Hutchison and Bryce Weir MR of Deep Cerebral Venous Thrombosis R.A. Ashforth, D. Melanson, and R. Ethier Myelopathy: An Unusual Presentation of Toxoplasmos	394 in the Diagnosis d Predictive Value 398 and Z. Weinbaum
A Study of Monoamine Metobolism in Human Epileps D. Lowe, G.R. Suthern, G.B. Clavin and J. Girvin Temporal Intermittent Rhythmic Delta Activity (TIRDA of Complex Partial Epilepsy: Sensitivity, Specificity and Jean Reiher, Michel Beaudry, and Charles P. Ledu Clustering of Parkinson's Disease in Southern Isreal Y.O. Herishanu, J.R. Goldsmith, J.M. Abarbanel at Activities and Kinetic Properties of Lumbar Cerebrosp Cholinesterases in Relation to Clinical Diagnosis, Sevi of Alzheimer's Disease F. Jacob Huff, Clara T. Reiter and Jack Protetch Transcranal Doppler Studies in Aneurysm Patients Kenneth Hutchison and Bryce Weir MR of Deep Cerebral Venous Thrombosis R.A. Ashforth, D. Melanson, and R. Ethier Myelopathy: An Unusual Presentation of Toxoplasmos	394 in the Diagnosis d Predictive Value 398 and Z. Weinbaum
A Study of Monoamine Metobolism in Human Epileps D. Louw, G.R. Suthern, G.B. Glavin and J. Girvin Temporal Intermittent Rhythmic Delta Activity (TIRDA of Complex Partial Epilepsy: Sensitivity, Specificity an Jean Reiher, Michel Beaudry, and Charles P. Leduc Clustering of Parkinson's Disease in Southern Isreal Y.O. Herishanu, J.R. Goldsmith, J.M. Abarbanel at Activities and Kinetic Properties of Lumbar Cerebrospi Cholinesterases in Relation to Clinical Diagnosis, Sev of Alzheimer's Disease F. Jacob Huff, Clara T. Reiter and Jack Protetch Transcranial Doppler Studies in Aneurysm Patients Kenneth Hutchison and Bryce Weir MR of Deep Cerebral Venous Thrombosis R.A. Ashforth, D. Melanson, and R. Ethier Myelopathy: An Unusual Presentation of Toxoplasmos S. Nag and A.C. Jackson	394 in the Diagnosis d Predictive Value 398 and Z. Weinbaum
A Study of Monoamine Metobolism in Human Epileps D. Louw, G.R. Suthem, G.B. Clavin and J. Girvin Temporal Intermittent Rhythmic Delta Activity (TIRDA of Complex Partial Epilepsy: Sensitivity, Specificity and Jean Reiher, Michel Beaudry, and Charles P. Leduc Clustering of Parkinson's Disease in Southern Israel Y.O. Herishanu, J.R. Goldsmith, J.M. Abarbanel at Activities and Kinetic Properties of Lumbar Cerebrosy Cholinesterases in Relation to Clinical Diagnosis, Sevior Alzheimer's Disease F. Jacob Huff, Clara T. Reiter and Jack Protetch Transcranial Doppler Studies in Aneurysm Patients Kenneth Hutchison and Bryce Weir MR of Deep Cerebral Venous Thrombosis R.A. Ashforth, D. Melanson, and R. Ethier Myelopathy: An Unusual Presentation of Toxoplasmos S. Nag and A.C. Jackson Chorea- Acanthocytosis: Report of a Family and Neur	394 in the Diagnosis d Predictive Value 398 and Z. Weinbaum
A Study of Monoamine Metobolism in Human Epileps D. Low, G.R. Suthern, G.B. Clavin and J. Girvin Temporal Intermittent Rhythmic Delta Activity (TIRDA of Complex Partial Epilepsy: Sensitivity, Specificity and Jean Reiher, Michel Beaudry, and Charles P. Ledu Clustering of Parkinson's Disease in Southern Israel Y.O. Herishanu, J.R. Goldsmith, J.M. Abarbanel at Activities and Kinetic Properties of Lumbar Cerebrosp Cholinesterases in Relation to Clinical Diagnosis, Sevo of Alzheimer's Disease  F. Jacob Huff, Clara T. Reiter and Jack Protetch Transcranial Doppler Studies in Aneurysm Patients Kenneth Hutchison and Bryce Weir MR of Deep Cerebral Venous Thrombosis R.A. Ashforth, D. Melanson, and R. Ethier Myelopathy: An Unusual Presentation of Toxoplasmos S. Nag and A.C. Jackson Chorea- Acanthocytosis: Report of a Family and Neur Study of Tiwo Cases	394 in the Diagnosis d Predictive Value 398 and Z. Weinbaum
A Study of Monoamine Metobolism in Human Epileps D. Louw, G.R. Suthern, G.B. Glavin and J. Girvin Temporal Intermittent Rhythmic Delta Activity (TIRDA of Complex Partial Epilepsy: Sensitivity, Specificity an Jean Reiher, Michel Beaudry, and Charles P. Leduc Clustering of Parkinson's Disease in Southern Isreal Y.O. Herishanu, J.R. Goldsmith, J.M. Abarbanel at Activities and Kinetic Properties of Lumbar Cerebrospi Cholinesterases in Relation to Clinical Diagnosis, Sev of Alzheimer's Disease F. Jacob Huff, Clara T. Reiter and Jack Protetch Transcranial Doppler Studies in Aneurysm Patients Kenneth Hutchison and Bryce Weir MR of Deep Cerebral Venous Thrombosis R.A. Ashforth, D. Melanson, and R. Ethier Myelopathy: An Unusual Presentation of Toxoplasmos S. Nag and A.C. Jackson Chorea- Acanthocytosis: Report of a Family and Neur Study of Two Cases Ma. Elisa Alsonso, Fernanda Teixeira, Guillermo J	394 in the Diagnosis d Predictive Value 398 and Z. Weinbaum
A Study of Monoamine Metobolism in Human Epileps D. Louw, G.R. Suthern G.B. Clavin and J. Girvin Temporal Intermittent Rhythmic Delta Activity (TIRDA of Complex Partial Epilepsy: Sensitivity, Specificity and Jean Reiher, Michel Beaudry, and Charles P. Ledu Clustering of Parkinson's Disease in Southern Israel Y.O. Herishanu, J.R. Goldsmith, J.M. Abarbanel at Activities and Kinetic Properties of Lumbar Cerebrospi Cholinesterases in Relation to Clinical Diagnosis, Sevio Alzheimer's Disease F. Jacob Huff, Clara T. Reiter and Jack Protetch Transcranial Doppler Studies in Aneurysm Patients Kenneth Hutchison and Bryce Weir MR of Deep Cerebral Venous Thrombosis R.A. Ashforth, D. Melanson, and R. Ethier Myelopathy: An Unusual Presentation of Toxoplasmos S. Nag and A.C. Jackson Chorea- Acanthocytosis: Report of a Family and Neur Study of Two Cases Ma. Elisa Alsonso, Fernanda Teixeira, Guillermo J Alfonso Escobar	394  in the Diagnosis d Predictive Value 398  and Z. Weinbaum
A Study of Monoamine Metobolism in Human Epileps D. Low, G.R. Suthern, G.B. Clavin and J. Girvin Temporal Intermittent Rhythmic Delta Activity (TIRDA of Complex Partial Epilepsy: Sensitivity, Specificity and Jean Reiher, Michel Beaudry, and Charles P. Ledu Clustering of Parkinson's Disease in Southern Israel Y.O. Herishanu, J.R. Goldsmith, J.M. Abarbanel at Activities and Kinetic Properties of Lumbar Cerebrosp Cholinesterases in Relation to Clinical Diagnosis, Sevo of Alzheimer's Disease  F. Jacob Huff, Clara T. Reiter and Jack Protetch Transcranial Doppler Studies in Aneurysm Patients Kenneth Hutchison and Bryce Weir MR of Deep Cerebral Venous Thrombosis R.A. Ashforth, D. Melanson, and R. Ethier Myelopathy: An Unusual Presentation of Toxoplasmos S. Nag and A.C. Jackson Chorea- Acanthocytosis: Report of a Family and Neur Study of Tiwo Cases	394  in the Diagnosis d Predictive Value 398  and Z. Weinbaum
A Study of Monoamine Metobolism in Human Epileps D. Lowe, G.R. Suthern, G.B. Clavin and J. Girvin Temporal Intermittent Rhythmic Delta Activity (TIRDA of Complex Partial Epilepsy: Sensitivity, Specificity and Jean Reiher, Michel Beaudry, and Charles P. Ledu Clustering of Parkinson's Disease in Southern Israel Y.O. Herishanu, J.R. Goldsmith, J.M. Abarbanel at Activities and Kinetic Properties of Lumbar Cerebrosp Cholinesterases in Relation to Clinical Diagnosis, Seving Alzheimer's Disease  F. Jacob Huff, Clara T. Reiter and Jack Protetch Transcranal Doppler Studies in Aneurysm Patients Kenneth Hutchison and Bryce Weir MR of Deep Cerebral Venous Thrombosis R.A. Ashforth, D. Melanson, and R. Ethier Myelopathy: An Unusual Presentation of Toxoplasmos S. Nag and A.C. Jackson Chorea- Acanthocytosis: Report of a Family and Neur Study of Two Cases Ma. Elisa Alsonso, Fernanda Teixeira, Guillermo J Alfonso Escobar Methanol Poisoning: Factors Assosiated with Neurolo	394  in the Diagnosis d Predictive Value 398  and Z. Weinbaum 402  anal Fluid erity, and Progression 406 411 417  isis 422  opathological iminez and 426  gic Complications
A Study of Monoamine Metobolism in Human Epileps D. Louw, G.R. Suthern, G.B. Glavin and J. Girvin Temporal Intermittent Rhythmic Delta Activity (TIRDA of Complex Partial Epilepsy: Sensitivity, Specificity and J. Gardin Reiher, Michel Beaudry, and Charles P. Leduc Clustering of Parkinson's Disease in Southern Isreal Y.O. Herishanu, J.R. Goldsmith, J.M. Abarbanel at Activities and Kinetic Properties of Lumbar Cerebrospi Cholinesterases in Relation to Clinical Diagnosis, Sew of Alzheimer's Disease  F. Jacob Huff, Clara T. Reiter and Jack Protetch  Transcranial Doppler Studies in Aneurysm Patients  Kenneth Hutchison and Bryce Weir  MR of Deep Cerebral Venous Thrombosis  R.A. Ashforth, D. Melanson, and R. Ethier  Myelopathy: An Unusual Presentation of Toxoplasmos  S. Nag and A.C. Jackson  Chorea- Acanthocytosis: Report of a Family and Neur Study of Two Cases  Ma. Elisa Alsonso, Fernanda Teixeira, Guillermo J  Alfonso Escobar  Methanol Poisoning: Factors Assosiated with Neurolo Todd J. Anderson, Ashfaq Shuaib, and Werner J. E	394 in the Diagnosis d Predictive Value 398 and Z. Weinbaum
A Study of Monoamine Metobolism in Human Epileps D. Louw, G.R. Suthem, G.B. Clavin and J. Girvin Temporal Intermittent Rhythmic Delta Activity (TIRDA of Complex Partial Epilepsy: Sensitivity, Specificity and Jean Reiher, Michel Beaudry, and Charles P. Ledu Clustering of Parkinson's Disease in Southern Israel Y.O. Herishanu, J.R. Goldsmith, J.M. Abarbanel at Activities and Kinetic Properties of Lumbar Cerebrospi Cholinesterases in Relation to Clinical Diagnosis, Sevi of Alzheimer's Disease F. Jacob Huff, Clara T. Reiter and Jack Protetch Transcranial Doppler Studies in Aneurysm Patients Kenneth Hutchison and Bryce Weir MR of Deep Cerebral Venous Thrombosis R.A. Ashforth, D. Melanson, and R. Ethier Myelopathy: An Unusual Presentation of Toxoplasmos S. Nag and A.C. Jackson Chorea- Acanthocytosis: Report of a Family and Neur Study of Two Cases Ma. Elisa Alsonso, Fernanda Teixeira, Guillermo J Alfonso Escobar Methanol Poisoning: Factors Assosiated with Neurolo Todd J. Anderson, Ashfaq Shuaib, and Werner J. E Inclusion Body Myositis Associated with Progressive I	394 in the Diagnosis d Predictive Value 398 and Z. Weinbaum
A Study of Monoamine Metobolism in Human Epileps D. Louw, G.R. Suthern, G.B. Glavin and J. Givin Temporal Intermittent Rhythmic Delta Activity (TIRDA of Complex Partial Epilepsy: Sensitivity, Specificity and Jean Reiher, Michel Beaudry, and Charles P. Leduc Clustering of Parkinson's Disease in Southern Isreal Y.O. Herishanu, J.R. Goldsmith, J.M. Abarbanel at Activities and Kinetic Properties of Lumbar Cerebrosp Cholinesterases in Relation to Clinical Diagnosis, Sev of Alzheimer's Disease F. Jacob Huff, Clara T. Reiter and Jack Protetch Transcranial Doppler Studies in Aneurysm Patients Kenneth Hutchison and Bryce Weir MR of Deep Cerebral Venous Thrombosis R.A. Ashforth, D. Melanson, and R. Ethier Myelopathy: An Unusual Presentation of Toxoplasmos S. Nag and A.C. Jackson Chorea- Acanthocytosis: Report of a Family and Neur Study of Two Cases Ma. Elisa Alsonso, Fernanda Teixeira, Guillermo J Alfonso Escobar Methanol Poisoning: Factors Assosiated with Neurolo Todd J. Anderson, Ashfaq Shuaib, and Werner J. E Inclusion Body Myositis Associated with Progressive I	394 in the Diagnosis d Predictive Value 398 and Z. Weinbaum
A Study of Monoamine Metobolism in Human Epileps D. Louw, G.R. Suthem, G.B. Glavin and J. Girvin Temporal Intermittent Rhythmic Delta Activity (TIRDA of Complex Partial Epilepsy: Sensitivity, Specificity and J.e. Reiher, Michel Beaudry, and Charles P. Leduc Clustering of Parkinson's Disease in Southern Isreal Y.O. Herishanu, J.R. Goldsmith, J.M. Abarbanel at Activities and Kinetic Properties of Lumbar Cerebrospi Cholinesterases in Relation to Clinical Diagnosis, Sew of Alzheimer's Disease F. Jacob Huff, Clara T. Reiter and Jack Protetch Transcranial Doppler Studies in Aneurysm Patients Kenneth Hutchison and Bryce Weir MR of Deep Cerebral Venous Thrombosis R.A. Ashforth, D. Melanson, and R. Ethier Myelopathy: An Unusual Presentation of Toxoplasmos S. Nag and A.C. Jackson Chorea- Acanthocytosis: Report of a Family and Neur Study of Two Cases Ma. Elisa Alsonso, Fernanda Teixeira, Guillermo J Alfonso Escobar Methanol Poisoning: Factors Assosiated with Neurolo Todd J. Anderson, Ashfaq Shuaib, and Werner J. E Inclusion Body Myositis Associated with Progressive I Treatment with Cricopharyneal Myotomy Morris J. Danon and Michael Friedman	394 in the Diagnosis d Predictive Value 398 and Z. Weinbaum
A Study of Monoamine Metobolism in Human Epileps D. Louw, G.R. Suthern, G.B. Clavin and J. Girvin Temporal Intermittent Rhythmic Delta Activity (TIRDA of Complex Partial Epilepsy: Sensitivity, Specificity and Jean Reiher, Michel Beaudry, and Charles P. Ledu Clustering of Parkinson's Disease in Southern Israel Y.O. Herishanu, J.R. Goldsmith, J.M. Abarbanel at Activities and Kinetic Properties of Lumbar Cerebrospi Cholinesterases in Relation to Clinical Diagnosis, Sevi of Alzheimer's Disease  F. Jacob Huff, Clara T. Reiter and Jack Protetch Transcranial Doppler Studies in Aneurysm Patients Kenneth Hutchison and Bryce Weir MR of Deep Cerebral Venous Thrombosis R.A. Ashforth, D. Melanson, and R. Ethier Myelopathy: An Unusual Presentation of Toxoplasmos S. Nag and A.C. Jackson S. Nag and A.C. Jackson Chorea- Acanthocytosis: Report of a Family and Neur Study of Two Cases Ma. Elisa Alsonso, Fernanda Teixeira, Guillermo J Alfonso Escobar Methanol Poisoning: Factors Assosiated with Neurolo Todd J. Anderson, Ashfaq Shuaib, and Werner J. E Inclusion Body Myositis Associated with Progressive I Treatment with Cricopharyneal Myotomy Morris J. Danon and Michael Friedman Pain in Gilles de la Tourette Syndrome and Related Ti	394 in the Diagnosis d Predictive Value 398 and Z. Weinbaum
A Study of Monoamine Metobolism in Human Epileps D. Louw, G.R. Suthern, G.B. Glavin and J. Givin Temporal Intermittent Rhythmic Delta Activity (TIRDA of Complex Partial Epilepsy: Sensitivity, Specificity an Jean Reiher, Michel Beaudry, and Charles P. Leduc Clustering of Parkinson's Disease in Southern Isreal Y.O. Herishanu, J.R. Goldsmith, J.M. Abarbanel at Activities and Kinetic Properties of Lumbar Cerebrospi Choliresterases in Relation to Clinical Diagnosis, Sevo of Alzheimer's Disease F. Jacob Huff, Clara T. Reiter and Jack Protetch. Transcranial Doppler Studies in Aneurysm Patients Kenneth Hutchison and Bryce Weir MR of Deep Cerebral Venous Thrombosis R.A. Ashforth, D. Melanson, and R. Ethier Myelopathy: An Unusual Presentation of Toxoplasmos. S. Nag and A.C. Jackson S. Nag and A.C. Jackson Chorea- Acanthocytosis: Report of a Family and Neur Study of Two Cases Ma. Elisa Alsonso, Fernanda Teixeira, Guillermo J. Alfonso Escobar Methanol Poisoning: Factors Assosiated with Neurolo Todd J. Anderson, Ashfaq Shuaib, and Werner J. E Inclusion Body Myositis Associated with Progressive I Treatment with Cricopharyneal Myotomy Morris J. Danon and Michael Friedman Pain in Gilles de la Tourette Syndrome and Related Ti	394 in the Diagnosis d Predictive Value 398 and Z. Weinbaum
A Study of Monoamine Metobolism in Human Epileps D. Louw, G.R. Suthern, G.B. Glavin and J. Givin Temporal Intermittent Rhythmic Delta Activity (TIRDA of Complex Partial Epilepsy: Sensitivity, Specificity an Jean Reiher, Michel Beaudry, and Charles P. Leduc Clustering of Parkinson's Disease in Southern Isreal Y.O. Herishanu, J.R. Goldsmith, J.M. Abarbanel at Activities and Kinetic Properties of Lumbar Cerebrospi Choliresterases in Relation to Clinical Diagnosis, Sevo of Alzheimer's Disease F. Jacob Huff, Clara T. Reiter and Jack Protetch. Transcranial Doppler Studies in Aneurysm Patients Kenneth Hutchison and Bryce Weir MR of Deep Cerebral Venous Thrombosis R.A. Ashforth, D. Melanson, and R. Ethier Myelopathy: An Unusual Presentation of Toxoplasmos. S. Nag and A.C. Jackson S. Nag and A.C. Jackson Chorea- Acanthocytosis: Report of a Family and Neur Study of Two Cases Ma. Elisa Alsonso, Fernanda Teixeira, Guillermo J. Alfonso Escobar Methanol Poisoning: Factors Assosiated with Neurolo Todd J. Anderson, Ashfaq Shuaib, and Werner J. E Inclusion Body Myositis Associated with Progressive I Treatment with Cricopharyneal Myotomy Morris J. Danon and Michael Friedman Pain in Gilles de la Tourette Syndrome and Related Ti	394 in the Diagnosis d Predictive Value 398 and Z. Weinbaum
A Study of Monoamine Metobolism in Human Epileps D. Louw, G.R. Suthem, G.B. Glavin and J. Girvin Temporal Intermittent Rhythmic Delta Activity (TIRDA of Complex Partial Epilepsy: Sensitivity, Specificity an Jean Reiher, Michel Beaudry, and Charles P. Leduc Clustering of Parkinson's Disease in Southern Isreal Y.O. Herishanu, J.R. Goldsmith, J.M. Abarbanel at Activities and Kinetic Properties of Lumbar Cerebrospi Cholinesterases in Relation to Clinical Diagnosis, Sevi of Alzheimer's Disease F. Jacob Huff, Clara T. Reiter and Jack Protetch Transcranial Doppler Studies in Aneurysm Patients Kenneth Hutchison and Bryce Weir MR of Deep Cerebral Venous Thrombosis R.A. Ashforth, D. Melanson, and R. Ethier Myelopathy: An Unusual Presentation of Toxoplasmos S. Nag and A.C. Jackson Chorea- Acanthocytosis: Report of a Family and Neur Study of Two Cases Ma. Elisa Alsonso, Fernanda Teixeira, Guillermo J Alfonso Escobar Methanol Poisoning: Factors Assosiated with Neurolo Todd J. Anderson, Ashfaq Shuaib, and Werner J. E Inclusion Body Myositis Associated with Progressive I Treatment with Cricopharyneal Myotomy Morris J. Danon and Michael Friedman Pain in Gilles de la Tourette Syndrome and Related Ti David E. Riley and Anthony E. Lang Growth Hormone Rebound After Cessation of SMS 2(	394 in the Diagnosis d Predictive Value 398 and Z. Weinbaum
A Study of Monoamine Metobolism in Human Epileps D. Louw, G.R. Suthern G.B. Clavin and J. Girvin Temporal Intermittent Rhythmic Delta Activity (TIRDA of Complex Partial Epilepsy: Sensitivity, Specificity and Jean Reiher, Michel Beaudry, and Charles P. Ledu Clustering of Parkinson's Disease in Southern Israel Y.O. Herishanu, J.R. Goldsmith, J.M. Abarbanel at Activities and Kinetic Properties of Lumbar Cerebrospi Cholinesterases in Relation to Clinical Diagnosis, Sevi of Alzheimer's Disease  F. Jacob Huff, Clara T. Reiter and Jack Protetch Transcranal Doppler Studies in Aneurysm Patients Kenneth Hutchison and Bryce Weir  MR of Deep Cerebral Venous Thrombosis R.A. Ashforth, D. Melanson, and R. Ethier Myelopathy: An Unusual Presentation of Toxoplasmos S. Nag and A.C. Jackson Chorea- Acanthocytosis: Report of a Family and Neur Study of Two Cases Ma. Elias Alsonso, Fernanda Teixeira, Guillermo J Alfonso Escobar  Methanol Poisoning: Factors Assosiated with Neurolo Todd J. Anderson, Ashfaq Shuaib, and Werner J. E Inclusion Body Myositis Associated with Progressive I Treatment with Cricopharyneal Myotomy Morris J. Danon and Michael Friedman Pain in Gilles de la Tourette Syndrome and Related Ti David E. Riley and Anthony E. Lang Growth Hormone Rebound After Cessation of SMS 20 Accromegaly	394 in the Diagnosis d Predictive Value 398 and Z. Weinbaum
A Study of Monoamine Metobolism in Human Epileps D. Louw, G.R. Suthern, G.B. Glavin and J. Givin Temporal Intermittent Rhythmic Delta Activity (TIRDA of Complex Partial Epilepsy: Sensitivity, Specificity and Jean Reiher, Michel Beaudry, and Charles P. Leduc Clustering of Parkinson's Disease in Southern Isreal Y.O. Herishanu, J.R. Goldsmith, J.M. Abarbanel at Activities and Kinetic Properties of Lumbar Cerebrospi Choliresterases in Relation to Clinical Diagnosis, Sevo of Alzheimer's Disease F. Jacob Huff, Clara T. Reiter and Jack Protetch. Transcranial Doppler Studies in Aneurysm Patients Kenneth Hutchison and Bryce Weir. MR of Deep Cerebral Venous Thrombosis R.A. Ashforth, D. Melanson, and R. Ethier Myelopathy: An Unusual Presentation of Toxoplasmos. S. Nag and A.C. Jackson	394 in the Diagnosis d Predictive Value 398 and Z. Weinbaum
A Study of Monoamine Metobolism in Human Epileps D. Louw, G.R. Suthem, G.B. Glavin and J. Girvin Temporal Intermittent Rhythmic Delta Activity (TIRDA of Complex Partial Epilepsy: Sensitivity, Specificity an Jean Reiher, Michel Beaudry, and Charles P. Leduc Clustering of Parkinson's Disease in Southern Isreal Y.O. Herishanu, J.R. Goldsmith, J.M. Abarbanel at Activities and Kinetic Properties of Lumbar Cerebrospi Cholinesterases in Relation to Clinical Diagnosis, Sevi of Alzheimer's Disease F. Jacob Huff, Clara T. Reiter and Jack Protetch Transcranial Doppler Studies in Aneurysm Patients Kenneth Hutchison and Bryce Weir MR of Deep Cerebral Venous Thrombosis R.A. Ashforth, D. Melanson, and R. Ethier Myelopathy: An Unusual Presentation of Toxoplasmos. S. Nag and A.C. Jackson Chorea- Acanthocytosis: Report of a Family and Neur Study of Two Cases Ma. Elisa Alsonso, Fernanda Teixeira, Guillermo J. Alfonso Escobar Methanol Poisoning: Factors Assosiated with Neurolo Todd J. Anderson, Ashfaq Shuaib, and Wemer J. E. Inclusion Body Myositis Associated with Progressive I Treatment with Cricopharyneal Myotomy Morris J. Danon and Michael Friedman	394 in the Diagnosis d Predictive Value 398 and Z. Weinbaum
A Study of Monoamine Metobolism in Human Epileps D. Louw, G.R. Suthem, G.B. Glavin and J. Girvin Temporal Intermittent Rhythmic Delta Activity (TIRDA of Complex Partial Epilepsy: Sensitivity, Specificity an Jean Reiher, Michel Beaudry, and Charles P. Leduc Clustering of Parkinson's Disease in Southern Isreal Y.O. Herishanu, J.R. Goldsmith, J.M. Abarbanel at Activities and Kinetic Properties of Lumbar Cerebrospi Cholinesterases in Relation to Clinical Diagnosis, Sevi of Alzheimer's Disease F. Jacob Huff, Clara T. Reiter and Jack Protetch Transcranial Doppler Studies in Aneurysm Patients Kenneth Hutchison and Bryce Weir MR of Deep Cerebral Venous Thrombosis R.A. Ashforth, D. Melanson, and R. Ethier Myelopathy: An Unusual Presentation of Toxoplasmos. S. Nag and A.C. Jackson Chorea- Acanthocytosis: Report of a Family and Neur Study of Two Cases Ma. Elisa Alsonso, Fernanda Teixeira, Guillermo J. Alfonso Escobar Methanol Poisoning: Factors Assosiated with Neurolo Todd J. Anderson, Ashfaq Shuaib, and Wemer J. E. Inclusion Body Myositis Associated with Progressive I Treatment with Cricopharyneal Myotomy Morris J. Danon and Michael Friedman	394 in the Diagnosis d Predictive Value 398 and Z. Weinbaum
A Study of Monoamine Metobolism in Human Epileps D. Louw, G.R. Suthern, G.B. Clavin and J. Girvin Temporal Intermittent Rhythmic Delta Activity (TIRDA of Complex Partial Epilepsy: Sensitivity, Specificity and Jean Reiher, Michel Beaudry, and Charles P. Leduc Clustering of Parkinson's Disease in Southern Israel Y.O. Herishanu, J.R. Goldsmith, J.M. Abarbanel at Activities and Kinetic Properties of Lumbar Cerebrospicholinesterases in Relation to Clinical Diagnosis, Sevior Alzheimer's Disease F. Jacob Huff, Clara T. Reiter and Jack Protetch Transcranial Doppler Studies in Aneurysm Patients Kenneth Hutchison and Bryce Weir MR of Deep Cerebral Venous Thrombosis R.A. Ashforth, D. Melanson, and R. Ethier Myelopathy: An Unusual Presentation of Toxoplasmos S. Nag and A.C. Jackson Chorea- Acanthocytosis: Report of a Family and Neur Study of Two Cases Ma. Elisa Alsonso, Fernanda Teixeira, Guillermo J Alfonso Escobar Methanol Poisoning: Factors Assosiated with Neurolo Todd J. Anderson, Ashfaq Shuaib, and Werner J. E Inclusion Body Myositis Associated with Progressive I Treatment with Cricopharyneal Myotomy Morris J. Danon and Michael Friedman Pain in Gilles de la Tourette Syndrome and Related Ti David E. Riley and Anthony E. Lang Growth Hormone Rebound After Cessation of SMS 20 Acromegaly L. Charest, R. Comtois, H. Beauregard, and O. Se Nuclear Inclusions in Oculopharyngeal Muscular Dy. Jean-Pierre Bouchard, François Gagné, Fernando	394 in the Diagnosis d Predictive Value 398 and Z. Weinbaum
A Study of Monoamine Metobolism in Human Epileps D. Louw, G.R. Suthern, G.B. Glavin and J. Givin Temporal Intermittent Rhythmic Delta Activity (TIRDA of Complex Partial Epilepsy: Sensitivity, Specificity and Jean Reiher, Michel Beaudry, and Charles P. Leduc Clustering of Parkinson's Disease in Southern Isreal Y.O. Herishanu, J.R. Goldsmith, J.M. Abarbanel at Activities and Kinetic Properties of Lumbar Cerebrospi Choliresterases in Relation to Clinical Diagnosis, Sevo of Alzheimer's Disease F. Jacob Huff, Clara T. Reiter and Jack Protetch Transcranial Doppler Studies in Aneurysm Patients Kenneth Hutchison and Bryce Weir MR of Deep Cerebral Venous Thrombosis R.A. Ashforth, D. Melanson, and R. Ethier Myelopathy: An Unusual Presentation of Toxoplasmos S. Nag and A.C. Jackson Chorea- Acanthocytosis: Report of a Family and Neur Study of Two Cases Ma. Elisa Alsonso, Fernanda Teixeira, Guillermo J Alfonso Escobar Methanol Poisoning: Factors Assosiated with Neurolo Todd J. Anderson, Ashfaq Shuaib, and Werner J. E Inclusion Body Myositis Associated with Progressive I Treatment with Cricopharyneal Myotomy Morris J. Danon and Michael Friedman Pain in Gilles de la Tourette Syndrome and Related Ti David E. Riley and Anthony E. Lang Growth Hormone Rebound After Cessation of SMS 20 Acromegaly L. Charest, R. Comtois, H. Beauregard, and O. Se Nuclear Inclusions in Oculopharyngeal Muscular Dy Jean-Pierre Bouchard, François Gagné, Fernando Denis Brunet.	394 in the Diagnosis d Predictive Value 398 and Z. Weinbaum
A Study of Monoamine Metobolism in Human Epileps D. Louw, G.R. Suthem, G.B. Glavin and J. Girvin Temporal Intermittent Rhythmic Delta Activity (TIRDA of Complex Partial Epilepsy: Sensitivity, Specificity an Jean Reiher, Michel Beaudry, and Charles P. Leduc Clustering of Parkinson's Disease in Southern Isreal Y.O. Herishanu, J.R. Goldsmith, J.M. Abarbanel at Activities and Kinetic Properties of Lumbar Cerebrospi Cholinesterases in Relation to Clinical Diagnosis, Sevi of Alzheimer's Disease F. Jacob Huff, Clara T. Reiter and Jack Protetch. Transcranial Doppler Studies in Aneurysm Patients Kenneth Hutchison and Bryce Weir MR of Deep Cerebral Venous Thrombosis R.A. Ashforth, D. Melanson, and R. Ethier Myelopathy: An Unusual Presentation of Toxoplasmos S. Nag and A.C. Jackson Chorea- Acanthocytosis: Report of a Family and Neur Study of Two Cases Ma. Elisa Alsonso, Fernanda Teixeira, Guillermo J Alfonso Escobar Methanol Poisoning: Factors Assosiated with Neurolo Todd J. Anderson, Ashfaq Shuaib, and Werner J. E Inclusion Body Myositis Associated with Progressive I Treatment with Cricopharyneal Myotomy Morris J. Danon and Michael Friedman Pain in Gilles de la Tourette Syndrome and Related Ti David E. Riley and Anthony E. Lang Growth Hormone Rebound After Cessation of SMS 2( Acromegaly L. Charest, R. Comtois, H. Beauregard, and O. Se Nuclear Inclusions in Oculopharyngeal Muscular Dy: Jean-Pierre Bouchard, François Gagné, Fernando Denis Brunet.	394 394 398 398 398 398 398 398 398 398 398 398
A Study of Monoamine Metobolism in Human Epileps D. Louw, G.R. Suthern, G.B. Clavin and J. Girvin Temporal Intermittent Rhythmic Delta Activity (TIRDA of Complex Partial Epilepsy: Sensitivity, Specificity and Jean Reiher, Michel Beaudry, and Charles P. Leduc Clustering of Parkinson's Disease in Southern Israel Y.O. Herishanu, J.R. Goldsmith, J.M. Abarbanel at Activities and Kinetic Properties of Lumbar Cerebrosy Cholinesterases in Relation to Clinical Diagnosis, Sevi of Alzheimer's Disease F. Jacob Huff, Clara T. Reiter and Jack Protetch Transcranial Doppler Studies in Aneurysm Patients Kenneth Hutchison and Bryce Weir MR of Deep Cerebral Venous Thrombosis R.A. Ashforth, D. Melanson, and R. Ethier Myelopathy: An Unusual Presentation of Toxoplasmos S. Nag and A.C. Jackson Chorea- Acanthocytosis: Report of a Family and Neur Study of Two Cases Ma. Elisa Alsonso, Fernanda Teixeira, Guillermo J Alfonso Escobar Methanol Poisoning: Factors Assosiated with Neurolo Todd J. Anderson, Ashfaq Shuaib, and Werner J. E Inclusion Body Myositis Associated with Progressive I Treatment with Cricopharyneal Myotomy Morris J. Danon and Michael Friedman Pain in Gilles de la Tourette Syndrome and Related Ti David E. Riley and Anthony E. Lang Crowth Hormone Rebound After Cessation of SMS 20 Acromegaly L. Charest, R. Comtois, H. Beauregard, and O. Se Nuclear Inclusions in Oculopharyngeal Muscular Dy Jean-Pierre Bouchard, François Gagné, Fernando Denis Brunet.	394 394 398 398 398 398 398 398 398 398 398 398
A Study of Monoamine Metobolism in Human Epileps D. Louw, G.R. Suthem, G.B. Glavin and J. Girvin Temporal Intermittent Rhythmic Delta Activity (TIRDA of Complex Partial Epilepsy: Sensitivity, Specificity an Jean Reiher, Michel Beaudry, and Charles P. Leduc Clustering of Parkinson's Disease in Southern Isreal Y.O. Herishanu, J.R. Goldsmith, J.M. Abarbanel at Activities and Kinetic Properties of Lumbar Cerebrospi Cholinesterases in Relation to Clinical Diagnosis, Sevi of Alzheimer's Disease F. Jacob Huff, Clara T. Reiter and Jack Protetch. Transcranial Doppler Studies in Aneurysm Patients Kenneth Hutchison and Bryce Weir MR of Deep Cerebral Venous Thrombosis R.A. Ashforth, D. Melanson, and R. Ethier Myelopathy: An Unusual Presentation of Toxoplasmos S. Nag and A.C. Jackson Chorea- Acanthocytosis: Report of a Family and Neur Study of Two Cases Ma. Elisa Alsonso, Fernanda Teixeira, Guillermo J Alfonso Escobar Methanol Poisoning: Factors Assosiated with Neurolo Todd J. Anderson, Ashfaq Shuaib, and Werner J. E Inclusion Body Myositis Associated with Progressive I Treatment with Cricopharyneal Myotomy Morris J. Danon and Michael Friedman Pain in Gilles de la Tourette Syndrome and Related Ti David E. Riley and Anthony E. Lang Growth Hormone Rebound After Cessation of SMS 2( Acromegaly L. Charest, R. Comtois, H. Beauregard, and O. Se Nuclear Inclusions in Oculopharyngeal Muscular Dy: Jean-Pierre Bouchard, François Gagné, Fernando Denis Brunet.	394 394 398 398 398 398 398 398 398 398 398 398

Effect of Bile Duct Ligation-induced Liver Damage on the Blood-brain Barrier
J. Neiman, L. Resch, P.L. Carlen
Sylvie Houde, Martin Veilleux
BOOK REVIEWS
NOTES AND ANNOUNCEMENTS
CALENDAR OF EVENTS
INDEX TO VOLUME 16
XXVth CANADIAN CONGRESS OF NEUROLOGICAL SCIENCES-
CALL FOR ABSTRACTS462
PRELIMINARY PROGRAM463
SPECIAL PRIZE ANNOUNCEMENTS464
ADVERTISERS INDEX xxviii
INSTRUCTIONS TO AUTHORS xxi
VOL. 16, NO. 4 (Supplement) NOV. 1989
Acknowledgements
Preface v
Molecular Genetics of Familial Alzheimer's Disease P.H. St. George-Hyslop, J.L. Haines, R.J. Polinsky, R.E. Tanzi, L. Farrer,
R.H. Myers and J.F. Gusella
Ascertainment of Informative Alzheimer Disease Families from the IMAGE Project Registry for Genetic Linkage Analysis Studies
D. Gautrin, J. Nalbantoglu, G. Lacoste-Royal, M. Grenon,
S. Gauthier, R. Bouchard, J. Mathieu, Y. Robitaille, LP. Doyon,
H. Bergman, A. Cholette, M. De Braekeleer, G. Bouchard
and D. Gauvreau468
Altered Gene Expression in Alzheimer's Disease Brain Tissue Patrick C. May, Steven A. Johnson, Judes Poirier,
Martha Lampert-Etchells and Caleb E. Finch473
Expression of Neuronal mRNAs in Alzheimer Type Degeneration of the Nervous System
Arthur W. Clark and Irma M. Parhad477
Strategies for the Identification of Novel Brain Specific Genes Affected in Alzheimer Diseas  D.G. Walker, B.E. Boyes, P.L. McGeer and E.G. McGeer
New Evidence for an Active Role of Aluminum in Alzheimer's Disease
D.R. Crapper McLachlan, W.J. Lukiw and T.P.A. Kruck
A Reexamination of Aluminum in Alzheimer's Disease: Analysis by Energy Dispersive X-ray Microprobe and Flameless Atomic Absorption Spectrophotometry
Roland W. Jacobs, Taihung Duong, Robert E. Jones, George A. Trapp and Arnold B. Scheibel498
Tacrine, a Drug with Therapeutic Potential for Dementia: Post-Mortem Biochemical Evidence
Paul T. Francis and David M. Bowen504
Cortical Glutaminase, β-Glucuronidase and Glucose Utilization in Alzheimer's Disease
E.G. McGeer, P.L. McGeer, H. Akiyama and R. Harrop511
Immune System Response in Alzheimer's Disease P.L. McGeer, H. Akiyama and E.G. McGeer516
Antibodies in Serum of Patients with Alzheimer's Disease Cause Immunolysis of Cholinergic Nerve Terminals from the Rat Cerebral Cortex
H.F. Bradford, P. Foley, M. Docherty, H. Fillit, V.N. Luine,
B. McEwan, G. Bucht, B. Winbald and J. Hardy528
Ultrastructural Studies of the Cells Forming Amyloid Fibres in Classical Plaques
H.M. Wisniewski, J. Wegiel, K.C. Wang, M. Kujawa and B. Lach535
Progress Report on the Canadian Multicentre Trial of Tetrahydroaminoacridine with Lecithin in Alzheimer's Disease
S. Gauthier, R. Bouchard, Y. Bacher, P. Bailey, H. Bergman,
L. Carrier, R. Charbonneau, M. Clarfield, B. Collier, D. Dastoor,
L. Gauthier, M. Germain, M. Kissel, M. Krieger, S. Kushnir, A. Lamontagne, J. Morin, N.P.V. Nair, L. Neirinck, J. Ratner,
M. St-Martin, S. Suissa and Y. Tesfaye543
The Relationship Between Alzheimer's Disease, Parkinson's Disease
and Motor Neuron Disease
Donald B. Calne and Andrew Eisen547





THE CANADIAN JOURNAL OF NEUROLOGICAL SCIENCES		VOL. 16, NO. 2 MAY 1989
VOL. 16, NO. 1 FEB. 1989		HYPOTHESIS  Do the Corticospinal and Corticobulbar Tracts Mediate Functions in the Human Newborn?
SPECIAL FEATURES		Harvey B. Sarnat157
Que savez-vous de Joseph Babinski?  Claude Bélanger	1	ORIGINAL ARTICLES
Epilepsy: Relationships between Electrophysiology and Intracellular	,	Traumatic Brain Injury, Aging and Reaction Time
Mechanisms Involving Second Messengers and Gene Expression		D.T. Stuss, L.L. Stethem, T.W. Picton, E.E. Leech and G. Pelchat161
P. Gloor	8	Objective Investigation of Visual Function Using a Nondestructive
An Update on the Cellular and Molecular Biology of Brain		Zoom-FFT Technique for Evoked Potential Analysis
Tumors — A Review		M.P. Regan and D. Regan168
Michael D. Cusimano	22	Optimal Indices for Testing Parkinsonian Rigidity
ORIGINAL ARTICLES		Heikki Teräväinen, Joseph K.C. Tsui, Edwin Mak and Donald B. Calne180
Intrathecal Fibrinolytic Therapy after Subarachnoid Hemorrhage:		Abnormalities in Iron Metabolism in Multiple Sclerosis
Dosage Study in a Primate Model and Review of the Literature		Leslie S. Valberg, Peter R. Flanagan, Ann Kertesz and George C. Ebers 184
J.M. Findlay, B.K.A. Weir, K. Kanamaru, M. Grace, P. Gordon,		Double-Blind Cross-Over Placebo Controlled Study of Flunarizine in
R. Baughman and A. Howarth	28	Patients with Therapy Resistant Epilepsy
Dendritic Pathology: An Overview of Golgi Studies in Man		E. Starreveld, F. de Beukelaar, A.F. Wilson, D.R. McLean and
Venkita Jagadha and Laurence E. Becker	41	Helen P. Findlay
Hemodynamic and Metabolic Effects of Extracranial Carotid Disease		A Double-Blind Crossover Study
Richard Leblanc, Y. Lucas Yamamoto, Jane L. Tyler and		D. Keene, S. Whiting, P. Humphreys and P. Jacob191
Antoine Hakim	51	Neuropathy with Onion Bulb Formations and Pure Motor Manifestations
Effect of Knee Joint Angle on a Heteronymous Ib Reflex in the		Roland N. Auer, Robert B. Bell and Mary Anne Lee194
Human Lower Limb	50	Bilateral Hypoglossal Palsies: A Late Complication of Curative Radiotherapy
J.D. Brooke and W.E. McIlroy.	58	Eamon F. Johnston, Alex J. Hammond and J. Gregory Cairncross198
Vascular Headache: A Presenting Symptom of Multiple Sclerosis	63	Progressive Multifocal Leukoencephalopathy with Gray Matter Involvement
Mark S. Freedman and Trevor A. Gray	63	S. Ledoux, I. Libman, F. Robert and N. Just
Sensory Neuron Degeneration in Familial Kugelharg-Welander Disease	67	of TIA's and Epileptic Seizures
Toni R. Winder and Roland N. Auer	67	F. Grand'Maison, J. Reiher, M.L. Lebel and J. Rivest203
Platelet Aggregability in Sleep-Related Stroke	71	Intraparenchymal Epithelial (Enterogenous) Cyst of the Medulla Oblongata
C.L. Voll, N. Chetty and P. Atkinson	/1	Boleshaw Lach, Neville Russell, David Atack and Brien Benoit206
Sturge-Weber-Dimitri Disease: Role of Hemispherectomy in Prognosis	70	Cerebral Edema Associated with Meningioma
A. Oluwole Ogunmekan, Paul A. Hwang and Harold J. Hoffman	/8	Shih-Tseng Lee and Swei Hsueh211
Isolated Basilar Artery Occlusion Associated with a Clivus Fracture	0.1	Computed Tomography, Magnetic Resonance Imaging and Pathological
Abhijit Guha, Mahmood Fazl and Perry W. Cooper	01	Correlations in a Case of Binswanger's Disease  M. Mascalchi, D. Inzitari, G. Dal Pozzo, N. Taverni and
Partially Sequestered Fourth Ventricle CT and MR Diagnosis of an Unusual Entity		A.L. Abbamondi
V.G. Wagle, D. Melanson and J.G. Villemure	9.4	BOOK REVIEWS
	04	NOTES AND ANNOUNCEMENTS222
SPECIAL SUPPLEMENT Dystrophie myotonique au Québec. Procédés d'un symposium tenu a Québec en décembre 1986	88	CALENDAR OF EVENTS223
Maladie de Steinert ou dystrophie myotonique «Une maladie pas	00	ERRATUM223
comme les autres»		CANADIAN ASSOCIATION OF NEUROPATHOLOGISTS – Abstracts225
Bernard Lemieux	89	XXIVIH CANADIAN CONGRESS OF NEUROLOGICAL SCIENCES -
La variabilité du phénotype dans la dystrophie myotonique de Steinert		Program and Abstracts
Jean-Pierre Bouchard		ADVERTISERS INDEXxxi
Partial Syndrome of Myotonic Dystrophy: Clinical Presentation and Follow-up	)	
Jean Mathieu, Marcel Simard, Marc De Braekeleer, Camil Boily and Aurèle Deschênes	99	VOL. 16, NO. 3 AUG. 1989
La mère et l'enfant atteints de dystrophie myotonique de Steinert	22	ORIGINAL ARTICLES
G. Paris, R. Laframboise et JP. Bouchard	104	Neuropathology of heart transplantation
La dystrophie myotonique: I caractéristiques socio-économiques et		L.C. Ang, J.M. Gillett and J.C.E. Kaufmann291
résidentielles des malades		Trends in Blood Pressure, Osmolality and Electrolytes after Subarachnoid
Michel Perron, Suzanne Veillette et Jean Mathieu	109	Hemorrhage from Aneurysms
La dystrophie myotonique: Il nuptialité, fécondité et transmission du gène		Lew Disney, Bryce Weir, Michael Grace and Paul Roberts299 PET Studies of Parkinsonian Patients Treated with Autologous Adrenal Implants
Suzanne Veillette, Michel Perron et Jean Mathieu  Origin and Diffusion of the Myotonic Dystrophy Gene in	.114	M. Guttman, R.S. Burns, W.R.W. Martin, R.F. Peppard, M.J. Adam,
the Saguenay Region (Quebec)		T.J. Ruth, G. Allen, R.A. Parker, N.B. Tulipan and D.B. Calne305
Gérard Bouchard, Raymond Roy, Manon Declos, Jean Mathieu and		Regional Metal Concentrations in Parkinson's Disease, Other Chronic
Kevork Kouladjian	119	Neurological Diseases and Control Brains
Myotonic Dystrophy in Quebec: Geographical Distribution and		Ryan J. Uitti, A.H. Rajput, B. Rozkilsky, M. Bickis, T. Wollin
Concept of Genetic Homogeneity		and W.K. Yuen310
Claude Laberge	.123	The Effects of Body Weight Support in the Locomotor Pattern of Spastic
Hypertriglyceridemia and Lower LDL Cholestrol Concentration in		Paretic Patients M. Visintin and H. Barbeau
Relation to Apolipoprotein E Phenotypes in Myotonic Dystrophy		Multiple Electrodes for Detecting Spikes in Partial Complex Seizures
Sital Moorjani, Daniel Gaudet, Claude Laberge, Marie Christine Thibault,		R. Mark Sadler and John Goodwin326
Jean Mathieu, Jean Morissette, Paul J. Lupien, Daniel Brun		HTLV-1 Associated Myelopathy in Canada
and Claude Gagné	.129	Christopher Power, Brian G. Weinshenker, Gregory A. Dekaban,
Myotonic Dystrophy: Linkage with Apoliprotein E and Estimation of the		G.C. Ebers, Gordon S. Francis and George P.A. Rice330
Gene Carrier Status with Genetic Markers		Pediatric Head Injury Caused by Off-Road Vehicle Accidents
Marie-Christine Thibault, Jean Mathieu, Sital Moorjani, André Lescault,	121	E.R. Cardoso and Alexander Pyper
Claude Prévost, Daniel Gaudet, Jean Morissette and Claude Laberge		Reduces Cerebral Necrosis in the Rat
Abstracts of the 3rd Canadian Neuro-oncology Meeting BOOK REVIEWS		M.R. Rod and R.N. Auer340
CALENDAR OF EVENTS		Multiple Intra-Cranial Hemorrhages after Carotid Endarterectomy
ADVERTISERS INDEX		Ashfaq Shuaib, K. Michael Hunter and Melvin A. Anderson345
INSTRUCTIONS TO AUTHORS		Pure Motor Stroke due to Vertebral Artery Dissection
		Stephen J. Phillips, William J. Maloney and Jean Gray348

## LE JOURNAL CANADIEN DES SCIENCES NEUROLOGIQUES

Distal Sciatic Nerve Compression by a Popliteal Artery Aneurysm	
Yves Beaudry, John D. Stewart and Lee Errett352	
Chronic Aseptic Meningitis in a Patient with Systemic Lupus Erythematosus  Marcelo Elias Lancman, Hripsime Mesropian and	
Rubens Jorge Granillo354	
Cystic Schwannoma of the Brainstem	
Denis Ladouceur, Denis Bergeron, Jacques B. Lamarche and	
Lucie Lamontagne357	
VIEWPOINT Routine Screening of Blood and Urine for Severe Anticonvulsant Reactions	
in Asymptomatic Patients is of Doubtful Value	
Prepared by a Committee of the Canadian Association for	
Child Neurology361	
Commentary	
Screening of the Epileptic Patient - Is it worth the trouble?	
Robert H.A. Haslam and Gideon Koren363	
CORRESPONDENCE	
A Cross Canada Survey of Neurologists on Controversial Issues in Epilepsy Management	
M.W. Jones and J. Bruni365	
Periodic Complexes in Creutzfeldt Jakob Disease and Sleep	
M.B.M. Sundaram and G.B. Young365	
Young Age Parkinsonism and Common Drugs	
R.T. Ross	
BOOK REVIEWS	
CALENDAR OF EVENTS	
INSTRUCTIONS TO AUTHORSxvii	
ADVERTISERS INDEXxxi	
VOL. 16, NO. 4 NOV. 1989	
REVIEW ARTICLE	
Alzheimer's Disease: Environmental Factors and Etiologic Hypotheses	
Denyse Gautrin and Serge Gauthier375	
EDITORIAL REVIEW	
Brain Death and the Persistent Vegative State: Similarities and Contrasts	
Bryan Young, Warren Blume and Abbyann Lynch	
ORIGINAL ARTICLES A Study of Monoamine Metobolism in Human Epilepsy	
D. Louw, G.R. Suthern, G.B. Glavin and J. Girvin394	
Temporal Intermittent Rhythmic Delta Activity (TIRDA) in the Diagnosis	
of Complex Partial Epilepsy: Sensitivity, Specificity and Predictive Value	
Jean Reiher, Michel Beaudry, and Charles P. Leduc398	
Clustering of Parkinson's Disease in Southern Isreal Y.O. Herishanu, J.R. Goldsmith, J.M. Abarbanel and Z. Weinbaum402	
Activities and Kinetic Properties of Lumbar Cerebrospinal Fluid	
Cholinesterases in Relation to Clinical Diagnosis, Severity, and Progression	
of Alzheimer's Disease	
F. Jacob Huff, Clara T. Reiter and Jack Protetch	
Transcranial Doppler Studies in Aneurysm Patients  Kenneth Hutchison and Bryce Weir	
MR of Deep Cerebral Venous Thrombosis	
R.A. Ashforth, D. Melanson, and R. Ethier417	
Myelopathy: An Unusual Presentation of Toxoplasmosis	
S. Nag and A.C. Jackson422	
Chorea- Acanthocytosis: Report of a Family and Neuropathological Study of Two Cases	
Ma. Elisa Alsonso, Fernanda Teixeira, Guillermo Jiminez and	
Alfonso Escobar426	
Methanol Poisoning: Factors Assosiated with Neurologic Complications	
Todd J. Anderson, Ashfaq Shuaib, and Werner J. Becker432	
Inclusion Body Myositis Associated with Progressive Dysphagia:	
Treatment with Cricopharyneal Myotomy Morris J. Danon and Michael Friedman	
Pain in Gilles de la Tourette Syndrome and Related Tic Disorders	
David E. Riley and Anthony E. Lang439	
Growth Hormone Rebound After Cessation of SMS 201-995 Treatment in	
Acromegaly	
L. Charest, R. Comtois, H. Beauregard, and O. Serri442	
Nuclear Inclusions in Oculopharyngeal Muscular Dystrophy in Quebec Jean-Pierre Bouchard, François Gagné, Fernando M.S. Tomé.	
Jean-Pierre Bouchard, François Gagné, Fernando M.S. Tomé, Denis Brunet	
Jean-Pierre Bouchard, François Gagné, Fernando M.S. Tomé,	
Jean-Pierre Bouchard, François Gagné, Fernando M.S. Tomé, Denis Brunet	
Jean-Pierre Bouchard, François Gagné, Fernando M.S. Tomé, Denis Brunet	

Effect of Bile Duct Ligation-induced Liver Damage on the Blood-brain Barrier	
J. Neiman, L. Resch, P.L. Carlen45	1
Tremor in Patients with Complicated Migraine Sylvie Houde, Martin Veilleux	2
BOOK REVIEWS35	
NOTES AND ANNOUNCEMENTS45	
CALENDAR OF EVENTS45	
INDEX TO VOLUME 16	1
CALL FOR ABSTRACTS	2
PRELIMINARY PROGRAM46	3
SPECIAL PRIZE ANNOUNCEMENTS46	
ADVERTISERS INDEX	
INSTRUCTIONS TO AUTHORS	KI
VOL. 16, NO. 4 (Supplement) NOV. 1989	
	iv
Preface	٧
P.H. St. George-Hyslop, J.L. Haines, R.J. Polinsky, R.E. Tanzi, L. Farrer,	_
R.H. Myers and J.F. Gusella	5
Project Registry for Genetic Linkage Analysis Studies D. Gautrin, J. Nalbantoglu, G. Lacoste-Royal, M. Grenon,	
S. Gauthier, R. Bouchard, J. Mathieu, Y. Robitaille, LP. Doyon,	
H. Bergman, A. Cholette, M. De Braekeleer, G. Bouchard	0
and D. Gauvreau	10
Patrick C. May, Steven A. Johnson, Judes Poirier,	
Martha Lampert-Etchells and Caleb E. Finch	3
Expression of Neuronal mRNAs in Alzheimer Type Degeneration of the Nervous System Arthur W. Clark and Irma M. Parhad	77
Strategies for the Identification of Novel Brain Specific Genes Affected in Alzheimer Disease	
D.G. Walker, B.E. Boyes, P.L. McGeer and E.G. McGeer48	33
New Evidence for an Active Role of Aluminum in Alzheimer's Disease  D.R. Crapper McLachlan, W.J. Lukiw and T.P.A. Kruck	90
A Reexamination of Aluminum in Alzheimer's Disease: Analysis by Energy Dispersive X-ray Microprobe and Flameless Atomic Absorption	
Spectrophotometry Roland W. Jacobs, Taihung Duong, Robert E. Jones,	
George A. Trapp and Arnold B. Scheibel49	86
Tacrine, a Drug with Therapeutic Potential for Dementia: Post-Mortem Biochemical Evidence	
Paul T. Francis and David M. Bowen50	)4
Cortical Glutaminase, β-Glucuronidase and Glucose Utilization in Alzheimer's Disease	
E.G. McGeer, P.L. McGeer, H. Akiyama and R. Harrop5	11
Immune System Response in Alzheimer's Disease P.L. McGeer, H. Akiyama and E.G. McGeer	16
Antibodies in Serum of Patients with Alzheimer's Disease Cause	10
Immunolysis of Cholinergic Nerve Terminals from the Rat Cerebral Cortex	
H.F. Bradford, P. Foley, M. Docherty, H. Fillit, V.N. Luine, B. McEwan, G. Bucht, B. Winbald and J. Hardy	20
Ultrastructural Studies of the Cells Forming	20
Amyloid Fibres in Classical Plaques	
H.M. Wisniewski, J. Wegiel, K.C. Wang, M. Kujawa and B. Lach5.	35
Progress Report on the Canadian Multicentre Trial of Tetrahydroaminoacridine with Lecithin in Alzheimer's Disease	
S. Gauthier, R. Bouchard, Y. Bacher, P. Bailey, H. Bergman, L. Carrier, R. Charbonneau, M. Clarfield, B. Collier, D. Dastoor,	
L. Gauthier, M. Germain, M. Kissel, M. Krieger, S. Kushnir,	
A. Lamontagne, J. Morin, N.P.V. Nair, L. Neirinck, J. Ratner,	
M. St-Martin, S. Suissa and Y. Tesfaye	43
The Relationship Between Alzheimer's Disease, Parkinson's Disease and Motor Neuron Disease	
Donald B. Calne and Andrew Eisen5	47

